SAMSUNG

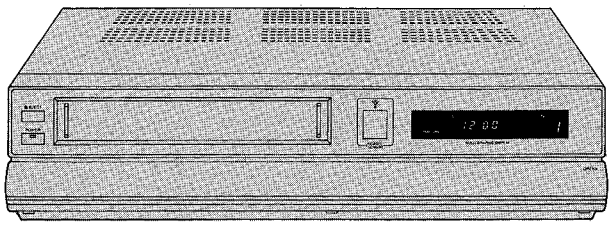
VHS PAL HQ

# SERVICE MANUAL

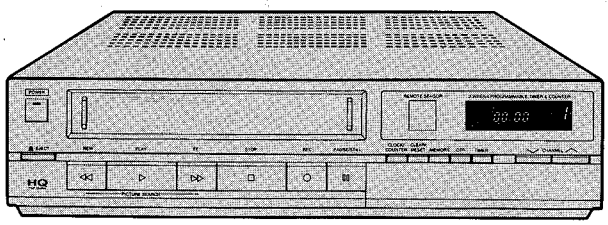
SVM-P8-006-2E
68139 - 082 - 105

# MODEL: VI/VB/VX/VK-8220
# VI/VX/VD-8225

# VIDEO CASSETTE RECORDER



8220 SERIES



8225 SERIES

## *SPECIFICATION*

| | |
|---|---|
| **Format :** | VHS PAL standard |
| **Recording System :** | Rotary, azimuth two-head helical scanning system |
| **Television System :** | CCIR,OIRT STANDARD |
| **Tape Width :** | 12.65 mm/s (1/2 inch) |
| **Tape Speed :** | 23.39 mm/s |
| **Record/Playback Time** | 4 hours with E-240 Tape |
| **FF/REW Time** | Less than 6 min. with T-120 |
| **Heads :** | Video : 2 rotary heads<br>Audio/Control : 1 stationary head<br>Full track erase : 1 stationary head |
| **VIDEO** | |
| **Inupt :** | 0.5 to 2.0 Vp-p : 75 ohm unbalanced |
| **Output :** | 1.0 Vp-p : 75 ohm unbalanced |
| **Signal-to-Noise Ratio** | Better than 43 dB |
| **Horizontal Resolution** | More than 240 lines |

| | |
|---|---|
| **AUDIO** | |
| **Input :** | -8dBm, 50Kohm unbalanceed |
| **Output :** | -5dBm, 1Kohm unbalanced |
| **Signal-to-Noise Ratio :** | better than 40 dB |
| **Freuqency Response :** | 100Hz-8.0KHz ( +/-3dB)<br>75ohm unbalanced |
| **Power Requirement :** | AC220V(or240,250)/50Hz |
| **OperatingTemperature :** | 5 to 40 DEG.C (41 F-104 F) |
| **Operating Humidity :** | 10% -75% |
| **Pwer Consumption :** | Approx..28 Watts (When the POWER button is OFF Approx7.0 Watts) |
| **Dimensions :** | 420 (W) * 93 (H) * 345 (D)mm (VK/VX/VB/VI-8220)<br>380 (W) * 87 (H) * 325 (D)mm (VX/VI/VD-8225) : |
| **Weight :** | 14.55lbs (6.6kg) (VK/VX/VB/VI-8220)<br>12.56lbs (5.7kg) : (VK/VX/VB/VI-8220) |

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# 1.GENERAL DESCRIPTION

## 1-1. SAFETY PRECAUTIONS

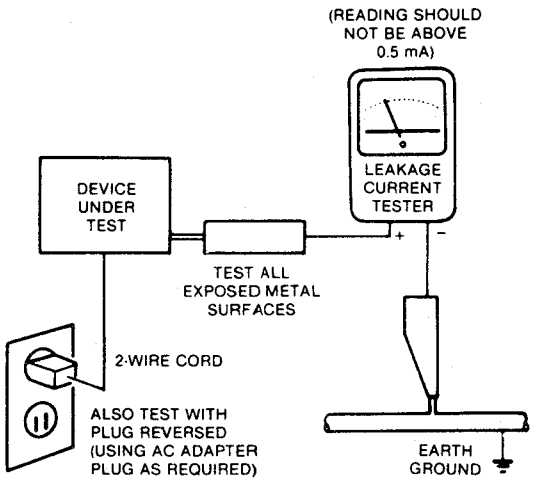
1. **Before returning a Video Cassette Recorder to the customer**, always make a safety check of the entire instrument, including, but not limited to the following items:

a. Be sure that no built-in protective devices are defective and/or have been defeated during servicing. (1) Protective shields are provided on this chassis to protect both the technician and the customer. Correctly replace all missing protective shields, including any removed for servicing convenience. (2) When reassembling the instrument, be sure to put back in place all protective devices, including, but not limited to nonmetallic control knobs, insulating fishpapers, adjustment and compartment covers/shields, and isolation resistor/capacitor networks.

**Do not operate this instument or permit it to be operated without all protective devices correctly installed and functioning.**

b. Be sure that there are no cabinet openings through which an adult or child might be able to insert their fingers and contact a hazardous voltage. Such openings include, but are not limited to, (1) excessively wide cabinet ventilation slots, and (2) improperly fitted and/or incorrectly secured cabinet covers.

c. **Antenna Cold Check**-With the instrument AC plug removed from any AC source, connect an electrical jumper across the two AC plug prongs. Place the instrument AC switch in the on position. Connect one lead of an ohmmeter to the AC plug prongs tied together and touch the other ohmmeter lead in turn to each tuner antenna input exposed terminal screw and, to each of the coaxial connectors. If the measured resistance is less that 1.0 megaohm or greater than 5.2 megaohm, an abnormality exists that must be corrected before the instrument is returned to the customer. Repeat this test with the instrument AC switch in the off position.


(READING SHOULD NOT BE ABOVE 0.5 mA)
LEAKAGE CURRENT TESTER
DEVICE UNDER TEST
TEST ALL EXPOSED METAL SURFACES
2-WIRE CORD
ALSO TEST WITH PLUG REVERSED (USING AC ADAPTER PLUG AS REQUIRED)
EARTH GROUND

*AC Leakage Test*

d. **Leakage Current Hot Check** - With the instrument completely reassembled plug the AC line cord directly into a 220V(240V-UK)AC outlet. (Do not use an isolation transformer during this test.) Use a leakage current tester or a metering system that complies with American National Standards Institute (ANSI) *C101. 1 Leakage Current for Appliances* and Underwriters Laboratories (UL) *1410, (50.7)*. With the instrument AC switch first in the on position and then in the off position, measure from a known earth ground (metal waterpipe, conduit, etc) to all exposed metal parts of the instrument (antennas, handle bracket, metal cabinet, screwheads, metallic overlays, controls shafts, etc).,especially any exposed metal parts that ofter an electrical return path to the chassis. Any current measured must not exceed 0.5milliamp. Reverse the instrument power cord plug in the outlet and repeat test.

**ANY MEASUREMENTS NOT WITHIN THE LIMITS SPECIFIED HEREIN INDICATE A POTENTIAL SHOCK HAZARD THAT MUST BE ELIMINATED BEFORE RETURNING THE INSTRUMENT TO THE CUSTOMER OR CONNECTING ANTENNA OR ACCESSORIES.**

e. AC Leakage Test
Avoid shock hazards. The television instrument, accessory, or cables(s) to which this VCR is connected should have the applicable sections of the antennas cold check and the leakage current hot check performed. Do not connect this VCR to a TV antenna, cable or accessory that exhibits excessive leakage currents.

2. Read and comply with all caution and safety related notes on or inside the VCR cabinet and chassis.

3. **Design Alteration Warning** - Do *not* alter or add to the mechanical or electrical design of this Video Cassette Recorder. Design alterations and additions, including, but not limited to circuit modifications and the addition of items such as auxiliary audio and/or video output connections, might alter the safety characteristics of this instrument and create a hazard to the user. Any design alterations or additions may void the manufacturer's warranty and may make you, the servicer responsible for personal injury or property damage resulting therefrom.

4.Observe original lead dress. Take extra care to assure correct lead dress in the following areas: a. near sharp edges, b. near thermally hot parts- be sure that leads and components do not touch thermally hot parts c. the AC supply, and d. antenna wiring. Always inspect in all areas for pinched, out-of- place, or frayed wiring. Do not change spacing between components, and between components and the printed circuit board. Check AC power cord for damage.

5. Components, parts, and/or wiring that appear to have overheated or are otherwise damaged should be replaced with components, parts, or wiring that meet original

specifications. Additionally, determine the cause of overheating and/or damaged and, if necessary, take corrective action to remove any potential safety hazard.

6. PRODUCT SAFETY NOTICE

Some electrical and mechanical parts have special safetyrelated characteristics which are often not evident from visual inspection, not can the protection they give necessarily be obtained by replacing them with components rated for higher voltage, wattage, etc. Parts that have special safety characteristics are identified by a (*) or ( ! ) on schematics and parts list. Use of a substitute replacement that does not have the same safety charateristics as the recommended replacement part might create shock, fire, and/or other hazards. Products Safety is under review continuously and new instructions are issued whenever appropriate.

**Electrostatically Sensitive (ES) devices**

Some semiconductor (solid state) devices can be damaged easily by static electricity. Such components commonly are called *Electrostatically Sensitive (ES) Devices*. Examples of typical ES devices are integrated circuits and some field-effect transistors and semiconductor "chip" components. The following techniques should be used to help reduce the incidence of component damage caused by static electricity.

1. Immediately before handling any semiconductor component or semiconductor-equipped assembly, drain off any electrostatic charge on your body by touching a known earth ground. Alternatively, obtain and wear a commercially available discharging wrist strap device, which should be removed for potential shock reasons prior to appling power to the unit under test.

2.After removing an electrical assembly equipped with ES devices, place the assembly on a conductive surface such as aluminum foil, to prevent electrostatic charge buildup or exposure of the assembly.

3.Use only a *grounded-tip* soldering iron to solder or unsolder ES devices.

4.Use only an *anti-static* type solder removal device. Some solder removal devices not classified as "anti-static" can generate electrical charges sufficient to damage ES devices.

5.Do *not* use freon-propelled chemicals. These can generate electrical charges sufficient to damage ES devices.

6.Do *not* remove a replacement ES device from its protective package until immediately before you are ready to install it. (Most replacement ES devies are packaged with leads electrically shorted together by conductive foam. aluminum foil or comparable conductive material.)

7. Immediately before removing the protective material from the leads of a replacement ES device, touch the protective material to the chassis or circuit assembly into which the device will be installed **CAUTION**: Be sure no power is applied to the chassis or circuit, and observe all other safety precautions.

8. Minimize bodily motions when handling unpackaged replacement ES devices. (Otherwise harmless motion such as the brushing together of your clothes fabric or the lifting of your foot from a carpeted floor can generate static electricity sufficient to damage an ES device.)

## 1-2. GENERAL INFORMATION

The many features of your VCR will give you hours of home entertainment. You can

* Play pre-recorded VHS video cassette tapes.

* Watch one TVprogramme while recording another.

* Record and playback up to 4 Hours with E-240 cassette tape.

* Record a programme when you are away, asleep or busy (2 week/4 events).

* Make a One Touch Recording.

* Quickly search for a picture in forward and in rever -se. (one touch picture search)

* View a Still picture.

* Operate infrared Remote Control and Switch between

34 VCR functions.

* Use Direct tune with D/K 61CH, B/G 80 CH FRE QUENCY SYNTHESIZED tuner.(VK Model)

* Use Directtune with 52CH FREQUENCY SYNTHESIZED tuner.(VB Model)

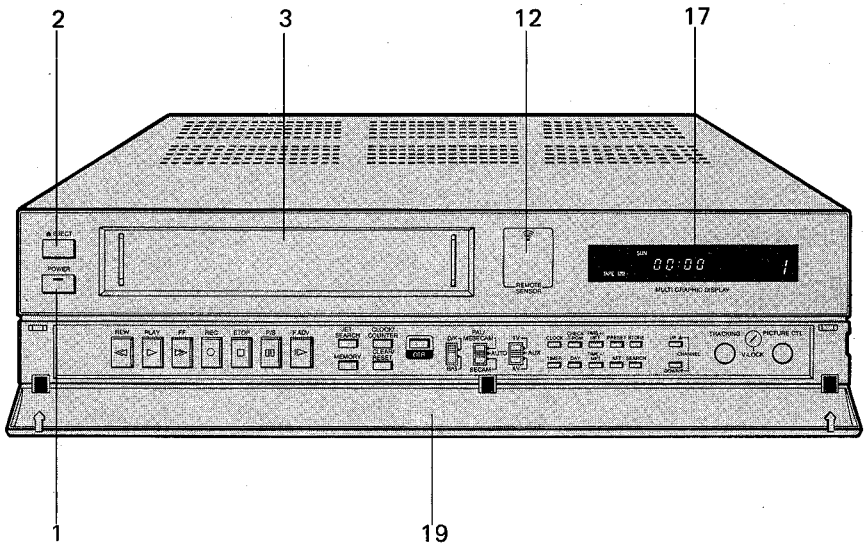
* Use Direct tune with B/G 80CH FREQUENCY SYNTHESIZED tuner.(VX Model)

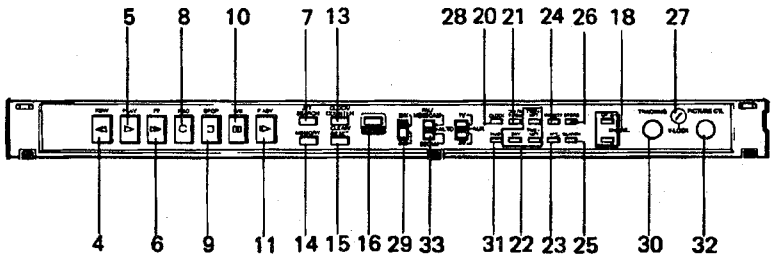
* 3 Auto system.
(Auto Power On, Auto Play, Auto rewind)

* Enjoy a clearer picture by your HQ (High Quality) video.

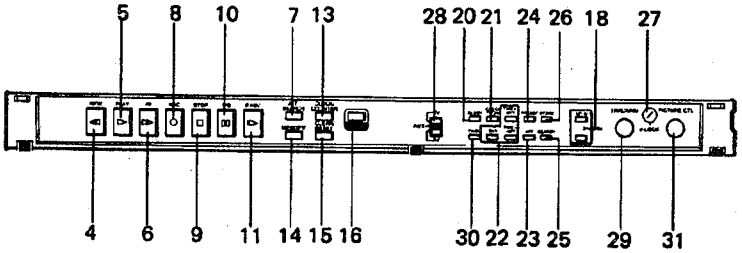
## 1--3 OPERATING CONTROLS AND FUNCTIONS.

### 1-3-1. FRONT VIEW ( VK/VX/VB-8220 MODEL)

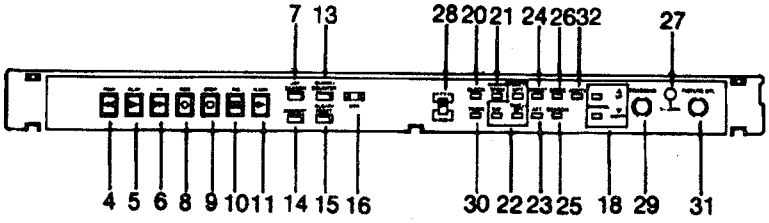



VK- DOOR CONTROL




VX - DOOR CONTROL




VB- DOOR CONTROL

Fig. 1

1. POWER BUTTON
Push to turn VCR on and off.
Indicator lights up when Power is on.

2.EJECT BUTTON
Push to remove the cassette tape. Cassette can be ejected with the VCR Power off as long as unit is connected to an AC outlet.

3. VIDEO CASSETTE COMPARTMENT
Push the cassette gently into the compartment until you feel automatic pull. Cassette can be inserted with the Power off as long as unit is connected to an AC outlet.

4.REW (Rewind/Reverse Picture Search) BUTTON
Push to rewind the tape. Push for reverse picture search during playback.
When the picture reachs the point you are looking for, push the PLAY button to resume normal playback.

5. PLAY BUTTON
Push to playback a pre-recorded tape.

6. F.F (Fast Forward/Forward Picture Search) BUTTON
Push to move the tape forward rapidly. Push for forward picture search during playback. When the picture reaches the point you are looking for, push the PLAY button to resume normal playback.

7. JET/SEARCH BUTTON
If youn push this button, when "set" play at "reverse picture search" mode or at "forward picture search" mode, picture search 13 times as fast as normal speed. If you push "play" button, VCR returns to normal speed.

8. REC (Record) BUTTON
Push the REC button to start recording.

9. STOP BUTTON
Push to stop the tape during playback, recording, rewind or fast-forward.

10. P/S (PAUSE/STILL) BUTTON
Push to stop the tape temporarilly during playback or recording. Still picture will be shown during playback. Push PLAY or P/S button to continue play and push REC button to continue recording.

11. F/ADV BUTTON
IF you push this button and move the frame until noise bar disappears in picture you can enjoy clear and district stilled picture.(Each time button is pushed one Frame is advanced.)

12. INFRARED REMOTE SENSOR
Receives signal from Infrared Remote Control.

13. TAPE COUNTER/CLOCK BUTTON
Counter or Clock display can be selected by each push of this button.

14. MEMORY BUTTON
Push this button , the tape will stop automatically during rewind when the counter reaches about 9999.

15. RESET/CLEAR BUTTON
Use to reset the counter to 0000, or to clear the Timer setting programme.

16. O.T.R(One Touch recording) BUTTON
It enables you to do impromptu recordings at any time. just select the channel and push the O.T.R. button for 30 minutes to desired amount of recording time.

17. FUNCTION DISPLAY INDICATORS

18. CHANNEL UP/DOWN BUTTONS
Push to select the channel you wish to record or view on TV. Continuous holding of button's will change the channels by 1's.

19. CONTROL PANEL
Open the cover for access to CLOCK and PROGRAMMING CONTROLS, ETC.

20. CLOCK BUTTON
Use to set the clock.

21. T-PGM/CHECK BUTTON
Push the button to check timer programme, or to set timer programme.

22. TIMER CONTROLS
Use to set the Clock and to set the Timer for unattended recording.

23. AFT BUTTON
Press this button for the fine picture.

24. PRESET BUTTON
Press this button for setting TV programmes.

25. SEARCH BUTTON
Press this button for automatic tuning.

26. STORE BUTTON
Press this button to store the channel.

27. V-LOCK CONTROL
In still mode, adjust this control to minimize vertical shaking on the TV screen.

**( APPLICATE VK MODEL )**

28. TV/AUX/AV SELECT SWITCH
Select recording signal from the tuner or Audio/Video IN JACK or SCART JACK.

29. D/K, B/G SELECT SWITCH
Power button must be tune off and on, when you want to set this select switch the broadcast system of your area.

30. TRACING CONTROL
Use to eliminate streaks (noise bars) from the picture during playback. Keep this knob in the center position at all times (Unless an adjustment is required).

31. TIMER BUTTON
Press after programming for unattended recording.

32. PICTURE CONTROL
Use this control to soften or sharpen the VIDEO picture on the TV screen.

33. PAL/MESECAM, AUTO, SECAM
Select Switch

**( APPLICATE VX MODEL )**

28. TV/AUX/AV SELECT SWITCH
Select recording signal from the tuner or Audio/Video IN JACK or SCART JACK.

29. TRACING CONTROL
Use to eliminate streaks (noise bars) from the picture during playback. Keep this knob in the center position at all times (Unless an adjustment is required).

30. TIMER BUTTON
Press after programming for unattended recording.

31. PICTURE CONTROL
Use this control to soften or sharpen the VIDEO picture on the TV screen.

**( APPLICATE VB MODEL )**

28. TV/AUX SELECT SWITCH
Select recording signal from the tuner or Audio/Video IN JACK or SCART JACK.

29. TRACING CONTROL
Use to eliminate streaks (noise bars) from the picture during playback. Keep this knob in the center position at all times (Unless an adjustment is required).

30. TIMER BUTTON
Press after programming for unattended recording.

31. PICTURE CONTROL
Use this control to soften or sharpen the VIDEO picture on the TV screen.

32. VCR/TV BUTTON
VCR : Push to record or view a playback. When push the VCR/TV button "VCR" appears in function display indicators.
TV : Push to wach a TV, when push the VCR/TV button"tv" appears in function display indicators.

**1-3-1-1. FRONT VIEW ( VX-8225 MODEL)**

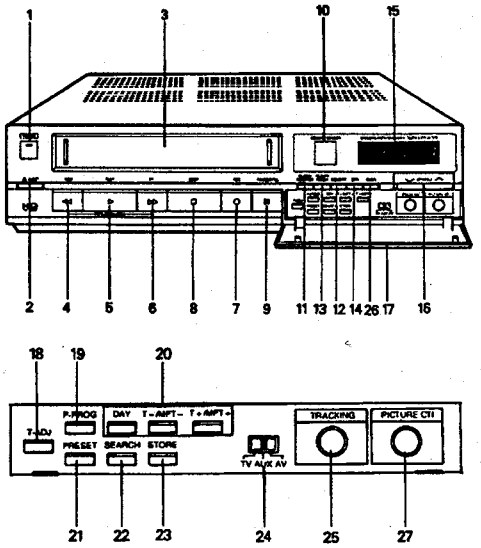



Fig. 2

1. POWER BUTTON
Push to turn VCR on and off.
Indicator lights up when Power is on.

2.EJECT BUTTON
Push to remove the cassette tape. Cassette can be ejeceed with the VCR Power off as long as unit is connected to an AC outlet.

3. VIDEO CASSETTE COMPARTMENT
Push the cassette gently into the compartment until you feel automatic pull. Cassette can be inserted with the Power off as long as unit is connected to an AC outlet.

4.REW (Rewind/Reverse Picture Search) BUTTON
Push to rewind the tape. Push for reverse picture search during playback.
When the picture reachs the point you are looking for, push the PLAY button to resume normal playback.

5. PLAY BUTTON
Push to playback a pre-recorded tape.

6. F.F (Fast Forward/Forward Picture Search) BUTTON
Push to move the tape forward rapidly. Push for forward picture search during playback. When the picture reaches the point you are looking for, push the PLAY button to resume normal playback.

7. REC (Record) BUTTON
Push the REC button to start recording.

8. STOP BUTTON
Push to stop the tape during playback, recording, rewind or fast-forward.

9. P/S (PAUSE/STILL) BUTTON
Push to stop the tape temporarilly during playback or recording. Still picture will be shown during playback. Push PLAY or P/S button to continue play and push REC button to continue recording.

10. INFRARED REMOTE SENSOR
Receives signal from Infrared Remote Control.

11. TAPE COUNTER/CLOCK BUTTON
Counter or Clock display can be selected by each push of this button.

12. MEMORY BUTTON
Push this button , the tape will stop automatically during rewind when the counter reaches about 9999.

13. RESET/CLEAR BUTTON
Use to reset the counter to 0000, or to clear the Timer setting programme.

14. O.T.R(One Touch recording) BUTTON
It enables you to do impromptu recordings at any time. just select the channel and push the O.T.R. button for 30 minutes to desired amount of recording time.

15. FUNCTION DISPLAY INDICATORS

16. CHANNEL UP/DOWN BUTTONS
Push to select the channel you wish to record or view on TV. Continuous holding of button's will changed the channels by 1's.

17. CONTROL PANEL
Open the cover for access to CLOCK and PROGRAMMING CONTROLS, etc.

18. T-ADJ BUTTON
Use to set the CLOCK.

19. P- PROG BUTTON
Push the button to check timer programme, or to timer progrrramme

20. TIMER CONTROLS
Use to set the Clock and to set the Timer for unattended recording.

21. PRESET BUTTON
Press this button for setting TV programmes.

22. SEARCH BUTTON
Press this button for automatic tuning..

23. STORE BUTTON
Press this button to store the channel.

24. TV/AUX/AV SELECT SWITCH
Select recording signal from the tuner or Audio/vidio IN JACK or SCART JACK.

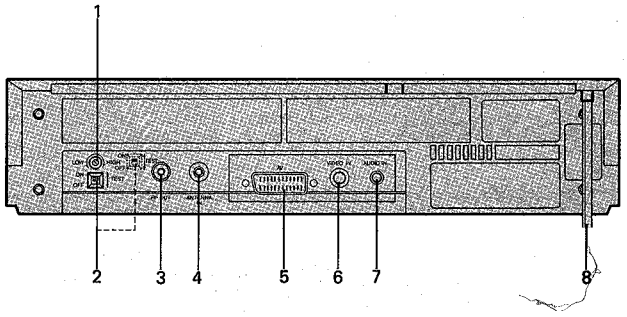
25. TRACKING CONTROL
Use to eliminate streaks(noise bars) from the picture during playback. Keep this knob in the center position at all times (Unless an adjudtment is required).

26. TIMER BUTTON
Press after programming for unattended recording.

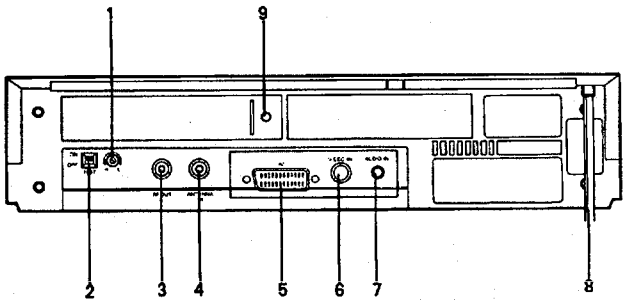
27. PICTURE CONTROL
Use this control to soften or sharpen the VIDEO picture on on the TV screeen.

**1-3-2. REAR PANEL VIEW.**

1-3-2-1. VK/VX/VI-8220/8225




For Model 8220




For Model 8225

Fig.3

1. RF CHANNEL PRE-SET
In some areas the pre-set RF output of your video cassette recorder may clash with a TV broadcast. If this occurs rotate this control using a small screw-driver in a clockwise or anti-clockwise direction. A new video channel has now been set and you will need to retune your television video channel to the new RF output.

2. TEST ON/OFF SWITCH
Tune this switch ON and check that the video channel of your TV set is correct. After setting, set this switch to OFF.

3. RF OUT
Connect to TV antenna (aerial) input.

4. ANTENNA IN
Connect external antenna.

5. AV-CONNECTOR
Connection of Peripheral equipment.
(example: TV.VCR).

6. VIDEO IN CONNECTOR
For connecting the video cable from another VCR. This allows the recording of the signal from the other VCR.

7. AUDIO IN CONNECTOR
For connecting an audio cable from a component audio system or an output signal of another VCR.

8. MAINS LEAD

9. V-LOCK CONTROL( 8225 series )
IN STILL MODL, adjust this volume to minimize vertical shaking on the TV SCREEN

1-3-2-2.VB-8220A

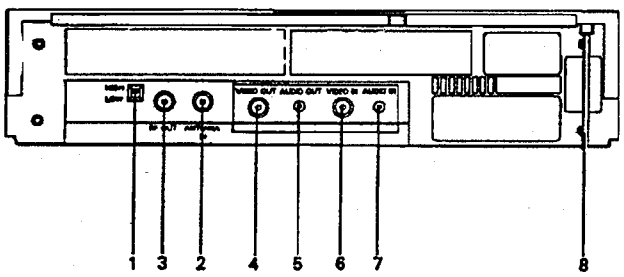



Fig. 4

1. CHANNEL OUTPUT SELECTOR
(RF CONVERTOR)
Switch to LOW or HIGH, whichever is not use in your area, To(view tapes in playback and to use your TV as a monitor). Factory preset to HIGH

2. ANTENNA IN
Connect external antenna.

3. RF OUT
Connect to TV antenna (aerial) input.

4. VIDEO OUT CONNECTOR
To connect to TV monitor or another VCR
(Not for conventional TV)

5. AUDIO OUT CONNECTOR
To connect sound equipment, another VCR,or TV monitor(not for conventional TV).

6. VIDEO IN CONNECTOR
lnput jack for another VCR, portable video camera, or other video equipment.

7. AUDIO IN CONNECTOR
For connecting on audion cable from a component AUDIO system or an output signal of another VCR.

8.MAINS LEAD

1-3-3. REMOTE CONTROLLER

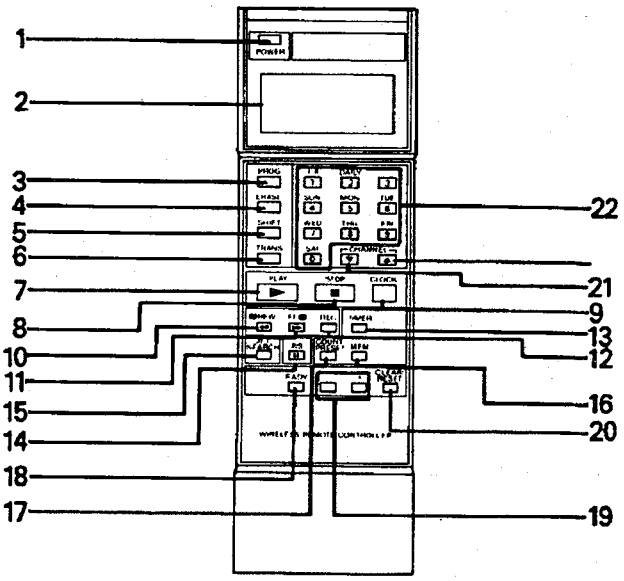



Fig. 5

1. POWER Button

2. LCD (Liquid Crystal Display)

3. LCD PROG BUTTON
Press this button to bring remote control to LCD programming for setting the clock and programming the timers.

4. ERASE BUTTON
Press this button to erase only LCD programming.

5. SHIFT BUTTON
Press this button to go to the next step while you are doing CLOCK setting, TIMER recording.

6. TRANS BUTTON
Press this button to transfer LCD programme from remote control to your VCR's set.

7. PLAY BUTTON
Starts playback.If you insert a cassette with the tab removed, the tape will automatically play.

8. STOP BUTTON
Stops whatever the VCR is doing (Record,Play-back, Rewind, or Fast Forward)

9. CLOCK BUTTON
Press this button for CLOCK setting.

10. REW BUTTON
To rewind the tape, press this button while in the Stop mode. To view the speeded up picture in the reverse direction for programme search, press this button in PLAY mode.

11. FF BUTTON
To fast forward the tape, press this button while in the stop mode. To view the speed-up picture in the forward direction for programme search, press this button in play mode.

12. REC BUTTON
Press REC button to begin recording.

13. TIMER BUTTON
Press this button after programming for unattended recording.

14. P/S (PAUSE/STILL) BUTTON
Press to stop the tape temporarily to avoid recording of unwanted material or to view a still picture in PLAY mode.Press to play button to cancel this mode.

15. JET/SEARCH
If you push this button, when set plays at reverse picture search mode or reverse picture mode, picture searches 13 times as fast as normal speed. If you push play button, VCR returns normal speed.

16. MEMORY BUTTON
Press this button, while rewinding, the tape will stop automatically when the counter reaches exactly "0000". Press this button to store the channel.

17. CONT/PRESET BUTTON
COUNTER or PRESET is displayed and CHANNEL can be stored.

18. F/ADV BUTTON
If you push this button and moved the frame until noise bar disappears in the picture, you can enjoy clear and distinct stilled picture.(Each time button is pushed one Frame is advanced).

19. - OR + BUTTON
Press this buttons for timer recording(one time, daily), selection of a real channel, and position channel, prog no. , day, on time, off time operation.

20. CLEAR/RESET BUTTON
Use to reset the counter to "0000" or to clear the timer setting program.

21. CHANNEL UP/DOWN BUTTON
Press and hold the UP( ) DOWN( ) side to quickly review preset channels which are higher of lower than the currently tuned preset channel.

22. NUMBER AND DAY BUTTON
(0 through 9, DAILY and SUN through SAT)
* Select any channel(whether or not it is in the tuner scan list) by pressing two buttons.
* These buttons are also used for setting the clock and programming the finer.
* When you want to record the same time daily. The entire display will change to the time set mode,

23. VCR/TV BUTTON

## 1-4 CLEANING AND LUBRICATION

### 1-4-1. CLEANING TAPE MECHANISM

Periodic cleaning is necessary to insure continued excel lent performance of the tape mechanism. To clean the following parts use "Kim Wipes" and solvent.

1. Capstan shaft.
2. All idler wheels.
3. All tape guide posts.
4. Supply and take-up reels.
5. Impedance roller.
6. Pinch roller.
7. Idler belt.
8. Loading belt.
9. Loading motor pulley.
10. Loading pulley.

To clean video heads, full erase head, and audio/control(A/C) head use only head cleaning kit and solvent.

Note:When cleaning video heads move the cleaning stick in the direction of head rotation. Wiping in a vertical motion may damage the heads.

### 1-4-2. LUBRICATION TAPE MECHANISM

The tape transport mechanism is properly lubricated at the factory. In normal use cycles, and with average environmental conditions,additional lubrication should not be required during the first year of operation. Depending on use and environmental conditions, periodic lubrication may be required. When relubricating, remove old lubricant first, then sparingly apply new lubricant. (Excessive lubricant may be transferred to other assemblies causing multifunction).

Use grease on the following parts after 1,000 hours operation. (See exploded view for location.)

1. Between base pole (L) assembly and mecha chassis assembly.
2. Between level review cam and mecha chassis assembly.
3. Between base pole (R) assembly and mecha chassis assembly.
4. Between plate main side and mecha chassis assembly.
5. Between I.B slide assembly and plate main slide.
6. Between gear loading (L) and gear loading (R).
7. Between main gear, eject gear and worm.

Oil may be required for the following parts every, 1,000 hours operation. (See exploded view for location.)

1. Supply reel and take-up reel shafts.
2. Links of both loading arms.
3. Between shaft of tension arm and chassis.
4. Pressure roller arm.
5. Shart of load pulley.

Other parts which are not listed above do not require lubrication, except if a part is replaced. Use appropriate oil or grease as indicated on exploded view.

## 1-5. ABBREVIATIONS

| | |
|---|---|
| 2 X | : Double |
| 4.43MHz | : Color Sub Carrier |
| ACC | : Automatic Color Circuit |
| ACK | : Automatic Color Killer |
| ADD | : Adder |
| AFC | : Automatic Frequency Control |
| AFT | : Automatic Fine Tuning |
| AGC | : Automatic Gain Control |
| AL | : Always |
| ALC | : Automatic Level Control |
| AMP | : Amplifier |
| APC | : Automatic Phase Control |
| AUD | : Audio |
| AUX | : Auxillary |
| BATT | : Battery |
| BE | : Burst Emphasis |
| BD | : Burset De-Emphasis |
| BH | : Power Supply for Selecting VHF High Band |
| BL | : Power Supply for Selectiong VHF Low Band |
| BPF | : Band Pass Filler |
| BU | : Back Up |
| C.FG | : Capstan Frequency Generator |
| C.FREE RUN | : Capstan Free Run |
| C.MEMORY | : Counter Memory |
| C.SYNC | : Composite Sync |
| C.RESET | : Counter Reset |
| C.REVERSE | : Counter Reverse |
| C/R | : Cue/Rev |
| CAFC | : Capstan Auto Frequency Control |
| CAPC | : Capstan Auto Phase Control |
| CATV | : Cable TV |
| CAR | : Carrier |
| CB | : Carrier Balance |
| CAP | : Capstan |
| CCD | : Charge Coupled Devices |
| CH | : Channel |
| CHAR. | : Character |
| CHROMA | : Chrominance |
| CM | : Capstan Motor |
| CNT | : Counter |
| COM | : Common |
| COMP | : Comparator |
| COMPE | : Compensator |
| CON | : Control |
| CONV | : Converter |
| CST | : Cassette |
| C-EMP | : Current Emphasis |
| C-ERR | : Capstan Error |
| CM-RUN | : Capstan Motor Run |
| CAM.P | : Camera Pause |
| DRUM.S | : Drum Sensor (H'd Switching) |
| D.FG | : Drum Frequency Generator |
| D.M.M | : Delayed Monostable Multivibrator |
| D.O.P | : Drop Out Pulse |
| D.O.C | : Drop Out Compensator |
| D.P.G | : Drum Pulse Generator |
| D/A | : Digital - to - Analog |
| D/C | : Dark/Clip |
| D/W | : Dark/White |
| D.AFC | : Drum Auto Frequency Control |
| D.APC | : Drum Auto Phase Control |
| DE-EMPH | : De - Emphasis |
| DEM | : Demodulator |
| DET | : Detector |
| DEV | : Deviation |
| DL | : Delay Line |
| D.LIM | : Double Limiter |
| DLYD | : Delayed |
| DM | : Drum Motor |
| DN | : Down |
| E-E | : Electronic-to-Electronic |
| EMPH | : Emphasis |
| ENV | : Envelope |
| EQ | : Equalizer |
| EXT | : External |
| F.ADV | : Frame Advance |
| F-V | : Frequency to Voltage Converter |
| F.FWD | : Fast Forward |
| FB | : Feed Back |
| FH | : Frequency Horizontal |
| FG | : Frequency Generator |
| FM | : Frequency Modulator |
| FSC | : Sub Carrier Frequency |
| FWD | : Forward |
| F/R/M | : FF/REW/Motor Control |
| GEN | : Generator |
| GND | : Ground |
| HPF | : High Pass Filter |
| HSS | : Horizontal Sync Separator |
| I/O | : Input/Output |
| IF | : Intermediate Frequency |
| INJ | : Injector |

IR : Infrared

L/C : Luminance/Chrominance
LED : Light Emitting Diode
LIM : Limitter
LPF : Low Pass Filter
LS : Lactch Strobe
LUMA : Luminance

M.C : Main Converter
MIX : Mixer
MM : Monostable Multivibrator
MFT : Manual Fine Tunning
MOD : Modulator

NR : Noise Reduction
N.C : No Connection
NORM : Normal

OSC : Oscillator
OTR : One Touch Recording

P.LED : Power LED
PB : Play Back
P.CONT : Power Control
PG : Pulse Generator
PIF : Picture Intermediate Frequency
PL : Preloading
PLL : Phase Lock Loop
PLS : Pulse
PRG : Program
PS : Phase Shift
PWM : Pulse Width Modulation
PWR : Power
P/R : Playback/Record
P/S : Pause/Still

QVP : Quasi Vertical Sync

REG : Regulator
REC : Record
REC.SAF : Record Safety
REW : Rewind
RF : Radio Frequency
RC : Remote Control
REV : Reverse
RECT : Rectifier
REF : Reference

S/H : Sample and Hold
SC : Sub Converter
SIF : Sound Intermediate Frequency
SEP : Separator
SP : Standard Play
SRCH : Search
SRV : Servo
SW25Hz : Head Switching Pulse
SYNC : Synchronizing Signal
SYSCON : System Control

T.EN : Tuner Enable
T.CL : Tuner Clock
T.DA : Tuner Data
T.MUTE : Tuner Channel Mute
T.REEL : Take-up Reel Sensor
T.RESET : Timer Reset
TP : Test Point
TRK : Tracking

U/D : Up/Down
UL : Unloading
UPS : Unloading Play Still

VCL : VPS Clock
V-REF : Voltage Reference
V-SYNC : Vertical Sync
VCO : Voltage Control Oscillator
VCR : Video Cassette Recorder
VIF : Video Intermediate Frequency
VSS : Vertical Sync Separator
VHS : Video Home System
V.DATA : VPS Data
VXO : Voltage Controlled Crystal Oscillator
VIDJ : Video Judge

W/C : White/Clip
W/D : White/Dark
W.T : Wake up Time

XPR : Express Recording

uP : Microprocessor

Y : Luminance

# 2. DISASSEMBLY

## 2-1. INSTRUMENT DISASSEMBLY

### 2-1-1.Top Cabinet Removal (Fig.1)

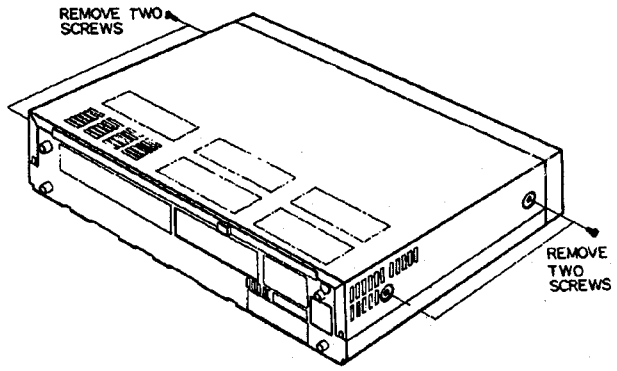



Fig.1

1.Remove four (4) screws located at the sides of the top cabinet.
2.Carefully lift the back of the top cabinet and slide it to the rear to remove.

### 2-1-2. Bottom Cover Removal (Fig.2)

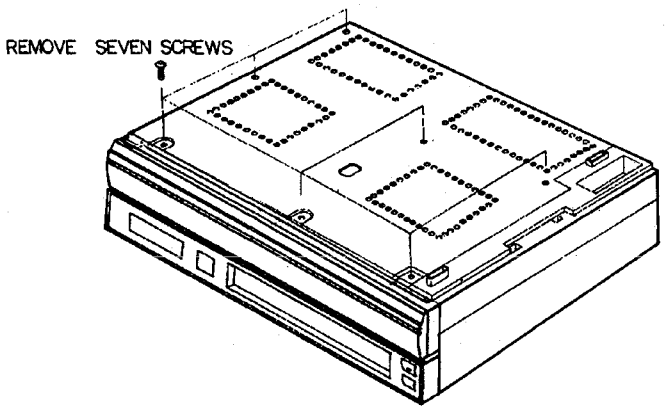



Fig.2

1.Remove seven(7) screws holding the bottom cover.

### 2-1-3. Front Panel Removal(Fig.3)

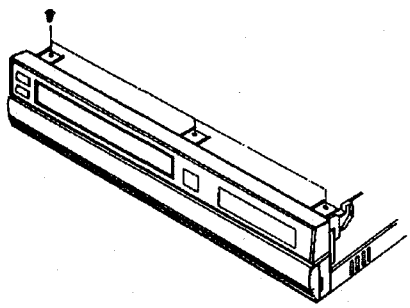


Fig.3

1.Remove the top cabinet and the bottom cover. (See Figs1,2)
2.Remove three(3) screws from the top of the front panel.
3.Rease one (1) taps from the bottom of the front panel.
3.Tilt the front panel forward to remove.

### 2-1-4. Function Switch Circuit Board Removal(Fig.4)

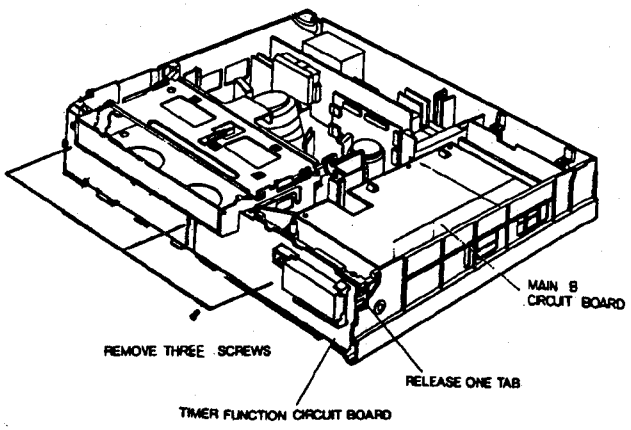



Fig.4

1.Follow the procedure for removing the panels. (See Figs.1 to 3)
2.Remove two(2) screw holding the function switch circuitboard.

### 2-1-5. Timer Input Key Circuit Board Removal(Fig.5)

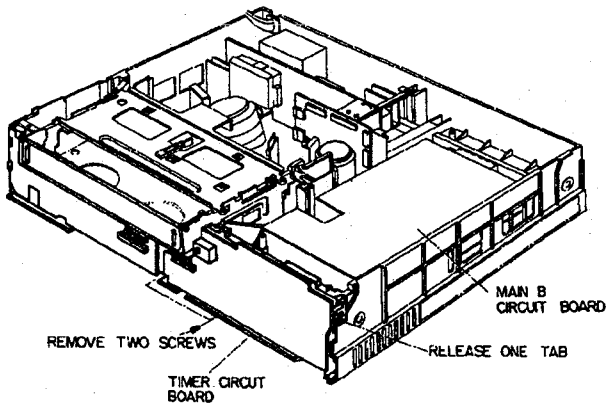



Fig.5

1.Follow the procedure for removing the panels. (See Figs.1 to 3)
2.Remove two(2) screws holding the timer input key circuit board.
3.Release one tab on the circuit board.
4.Taking care of the cable assemblies pull the circuit forward to release.

**2-1-6. Main -B Circuit Board Removal(Fig.6)**

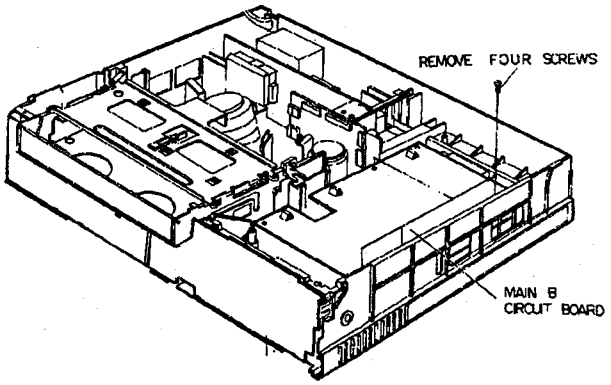



Fig.6 Main-B Circuit Board Removal

1.Follow the procedure for removing the panels.
(See Figs.1 to 3)
2.Disconnect four(4) connectors on the Main-B circuit board.
3.Remove three(3) screws on the Main-B P.C board and the hinge from the frame.
4. Pull out the board in the direction of the arrow.

**2-1-7. Main- A Circuit Board Removal(Fig.7)**

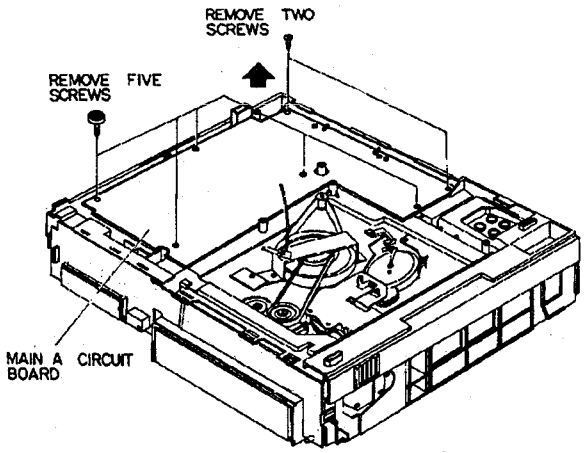



Fig.7 Main-A Circuit Board Removal

1.Follow the procedure for removing the panels.
(See Figs.1 to 3)
2.Disconnect nine(9) connectors between the main circuit board and the other circuit boards.
3.Remove seven screws on the Main-A P.C board.
4.Lift up the assembly in the direction of the arrow.

**2-1-8. Regulator Circuit Board Removal(Fig.8)**

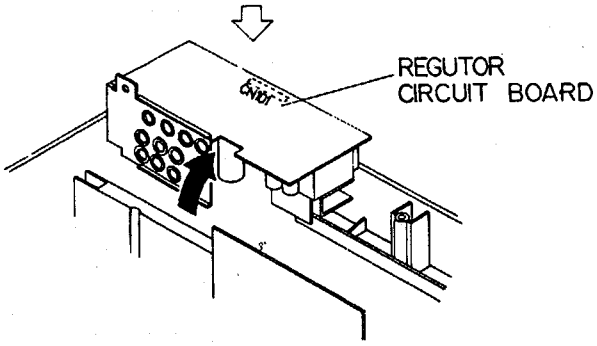



Fig.8 Regulator Circuit Board Removal

1.Follow the procedure for removing the panels.
2.Remove five screws from the frame.
3. Disconnect two connectors.(CN101&CN102)
4.Remove the IC from the Lower Drum.
5.Taking care of the cable assemblies, lift the regulator circuit board upward to release.

**2-1-9. Deck Joint Circuit Board Removal(Fig 9)**

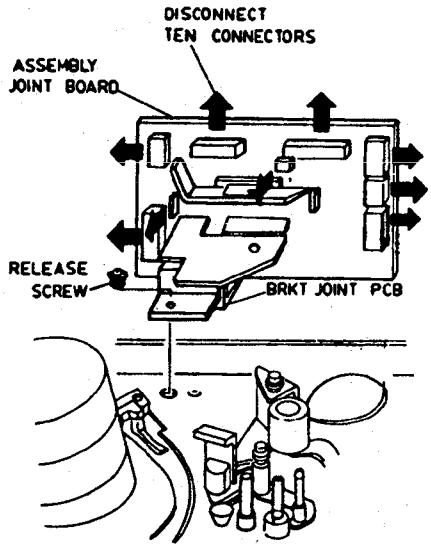
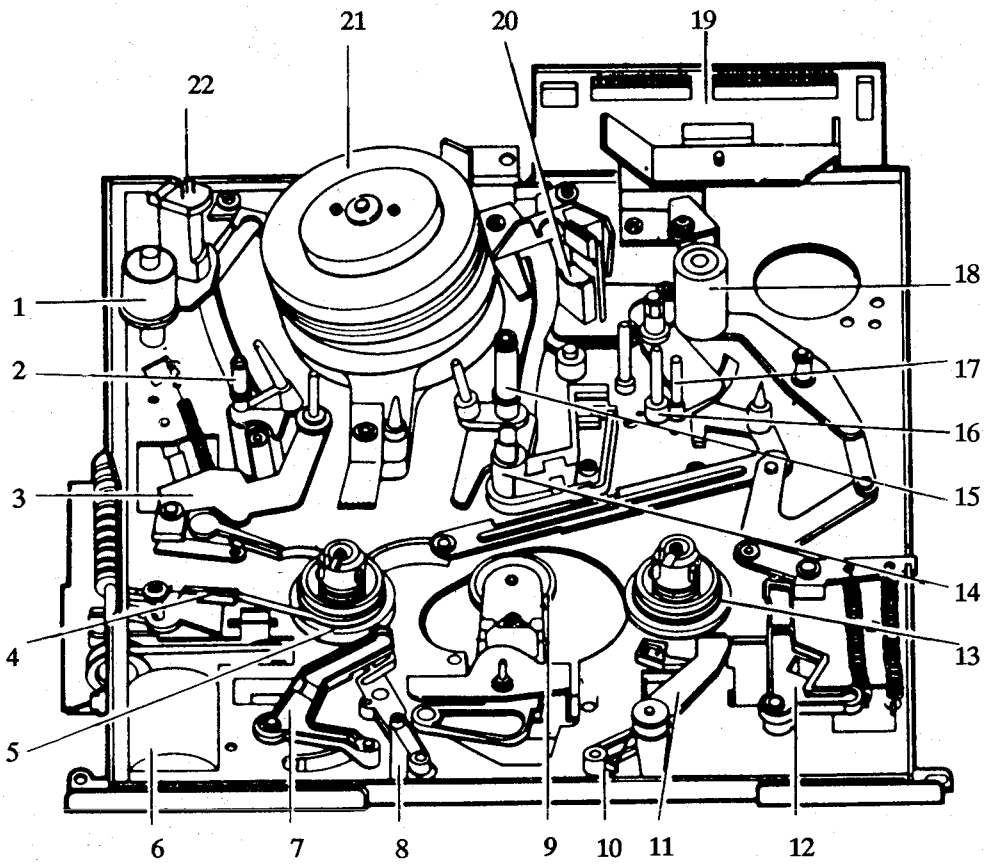



Fig.9 Deck Joint Circuit Board Removal

1. Removal the top panel. (See Fig.1)
2. Disconnect nine(9) connectors. (Fig.9)
3. Remove the screw holding P.C.B Deck Joint.

## 2-2.MECHANICAL DISASSEMBLY

Tape transport Mechanism Identification.
( TOP VIEW )




1 : ROLLER SUPPLY
2 : GUIDE ROLLER (L)
3 : ARM TENSION ASS'Y
4 : TENSION BAND ASS'Y
5 : REEL DISK (S)
6 : LOADING MOTOR ASS'Y
7 : BRAKE SUB (L)
8 : BRAKE MAIN (L)
9 : IDLER CLUTCH ASS'Y
10: BRAKE MAIN (R)
11 : WEAK BRAKE (T) ASS'Y
12 : BRAKE SUB (R)
13 : REEL DISK (T)
14 : HOLDER LED
15 : GUIDE ROLLER (R)
16 : CAPSTAN D.D MOTOR SHAFT
17 : REVIEW ARM
18 : PINCH ROLLER ASS'Y
19 : DECK JOINT ASS'Y
20 : ASS'Y A/C HEAD
21 : DRUM ASSEMBLY
22 : ASS'Y F/E HEAD

( BOTTOM VIEW )

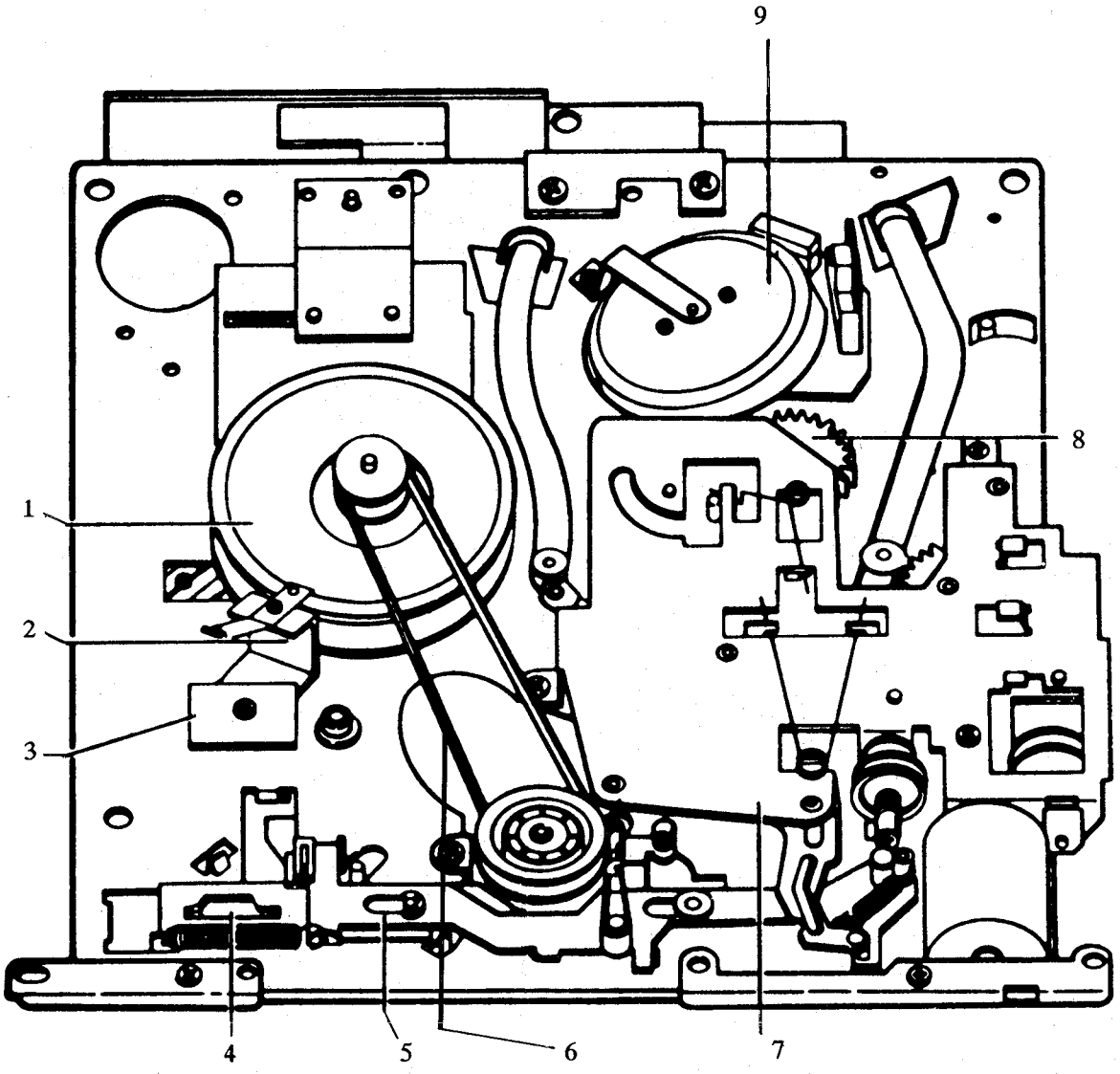



Fig 10

1 : CAPSTAN D.D MOTOR
2 : BRAKT PHOTOIN
3 : REEL PCB
4 : PLATE MAIN SLIDE
5 : I.B SLIDE ASSEMBLY
6 : ILDER BELT
7 : LOADING MOTOR ASSEMBLY
8 : ASSEMBLY GEAR LOADING (L)
9 : MOTOR DRUM

## 2-2-1. Housing Assembly Removal

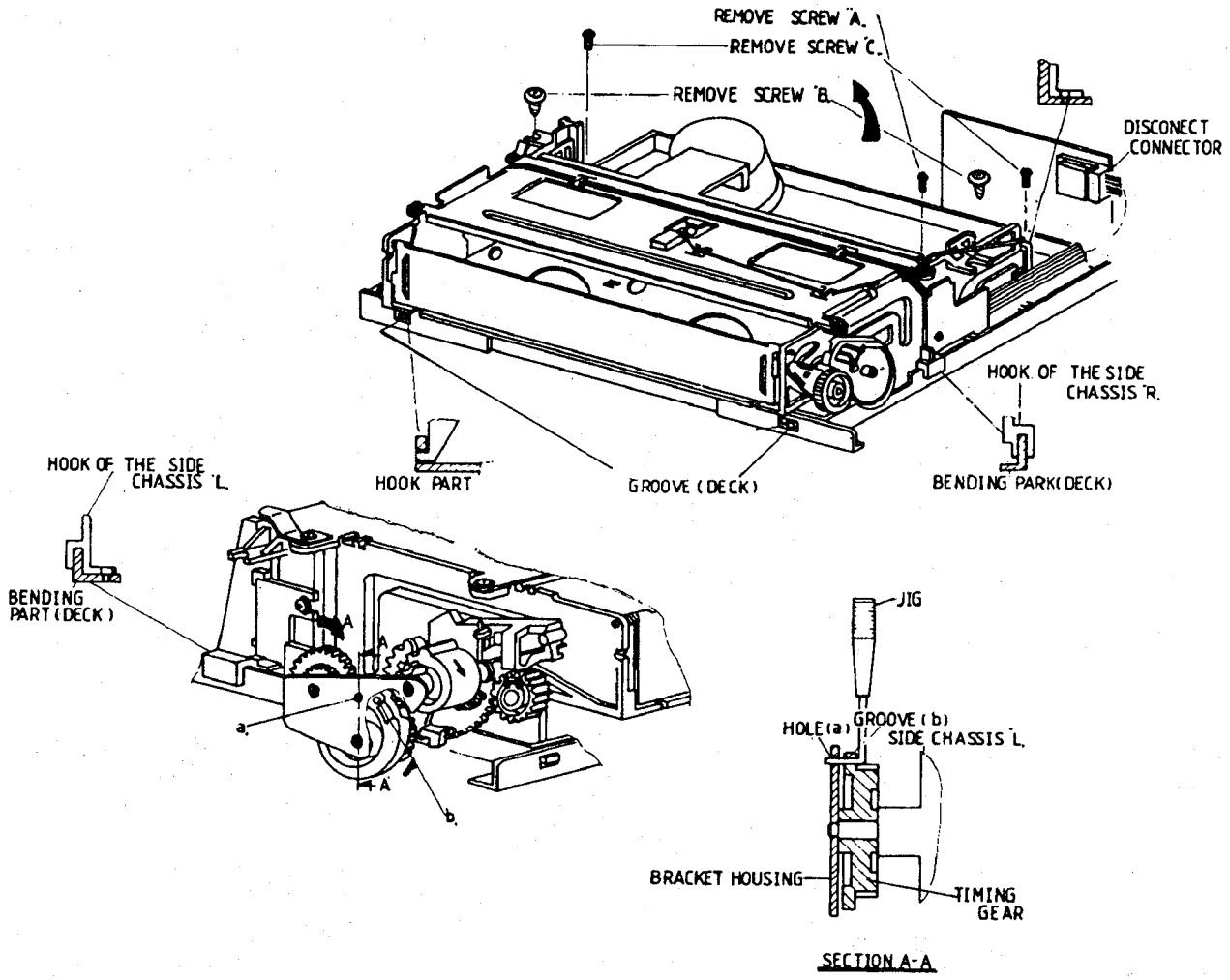



Fig.12

1. Follow the procedure for removing the panels. (See Figs1 to 3)
2. Disconnect the connector(CN0204) from P C B Deck Joint board.
3. Remove the two screws A.
4. Remove the three screws B and C to relese ground.
5. Lift the rear of the housing assembly toward arrow mark.

**Note:**

* When reinstalling housing assembly to the deck, first insert the hook part of the housing ass'y into the groove of the deck.Second fit the hook of the side chassis(R)(L) to the bent part of the deck.

* Before reinstalling screws, check assembling point of the timing gear and arm gear, rotating the worm gear to the direction of arrow A.

A) Assembling point is the point that the hole of the gear holder plate corresponds to the groove of the timing gear as in Fig 12/A-A'.

B) If the assembly point is not correct .Ass'y will not operate smoothing or jam.

### 2-2-2. Housing Assembly Identification

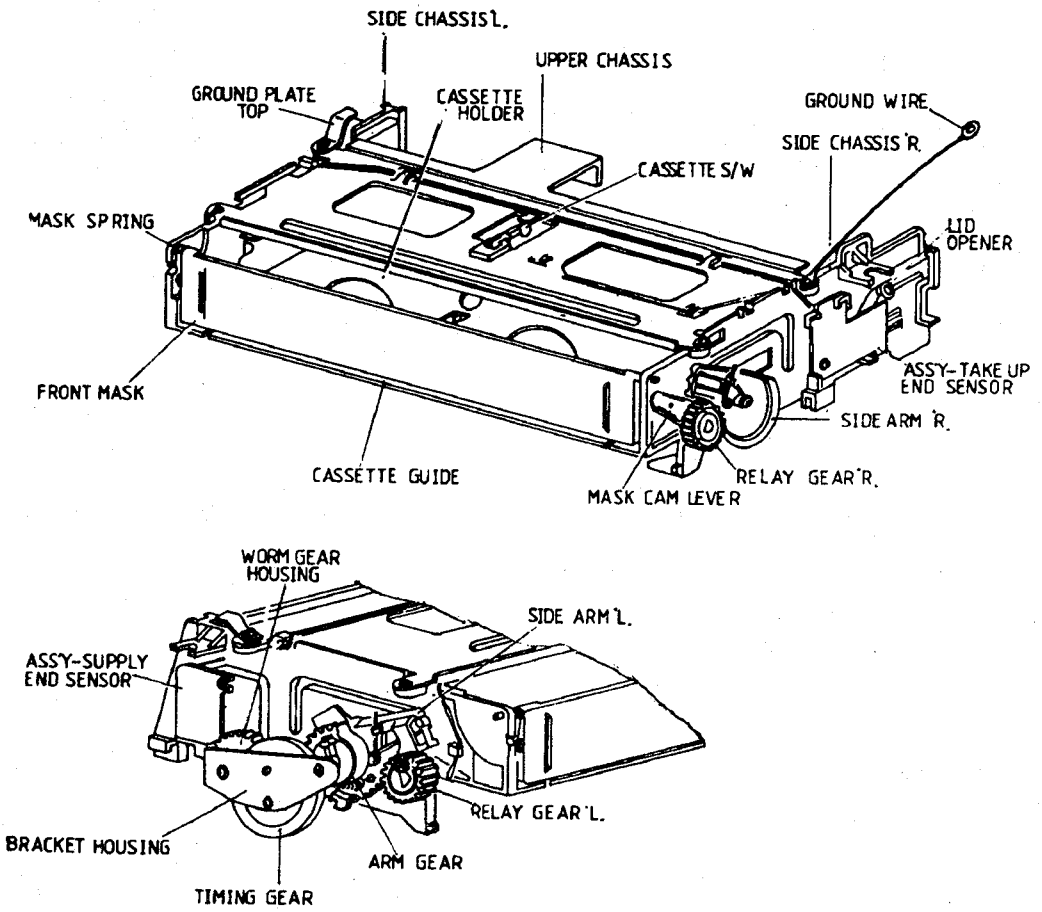



Fig.13

### 2-2-3. Housing Assembly Disassemmbly

1. Front mask removal.

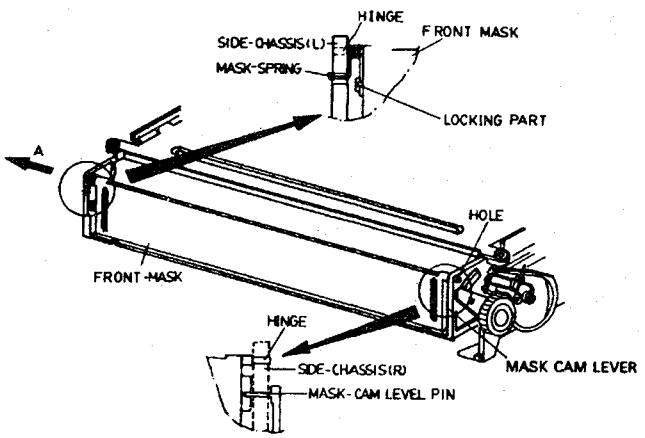



Fig.14

* Pull front mask in the direction of arrow A, release front mask hinge part from the hole in the side -chassis (R) and release hinge part in the hole in the side-chassis (L) release in the reverse direction.

2. Rec S/W Cassette S/W PCB Start Sensor Removal.
   Release REC S/W attached to the cassette guide.

**Note:**

* One end of the mask spring must be reinstalled in the lock part of the front mak and the other end must be reinstalled in the hook part of the side chassis(L).

* Upon reinstallation of the front mask slide, lever pin of the mask cam in the side-chassis(R) must be reinstalled. (Ref.Fig14).

* Cassette Switch Removal.

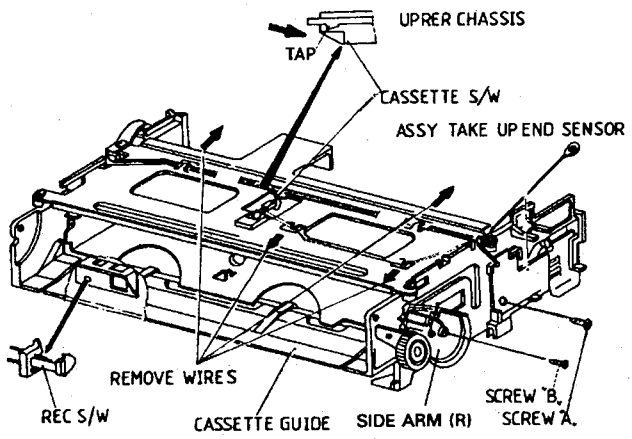



Fig.15

1). Release the tap of the cassette S/W and remove. (Fig 15)
2). Remove the screw of the start sensor PCB removal. (Fig.15)
3). Remove the wires. (Fig.15)
4). After removing the lid opener spring, remove the lid opener pulling the locking part in the direction of the arrow. (Fig.17)

3. Supply End Sensor Ass'y Removal.

* After removing the screw at the side chassis(L), remove PCB end sensor.

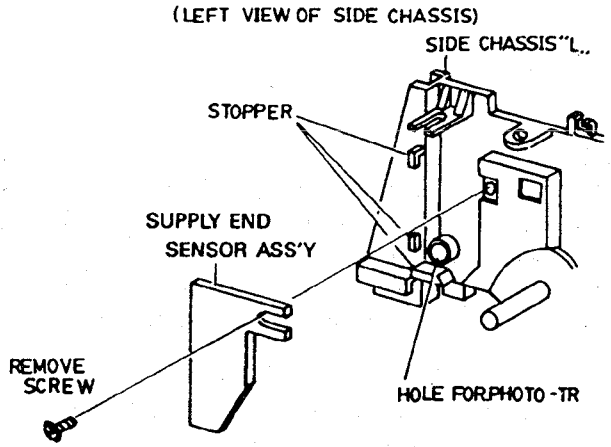



Fig.16

Note:

Be careful not to demage the TR and Photo TR attached to the supply End sensor Ass'y.

4. Lid Opener Removal

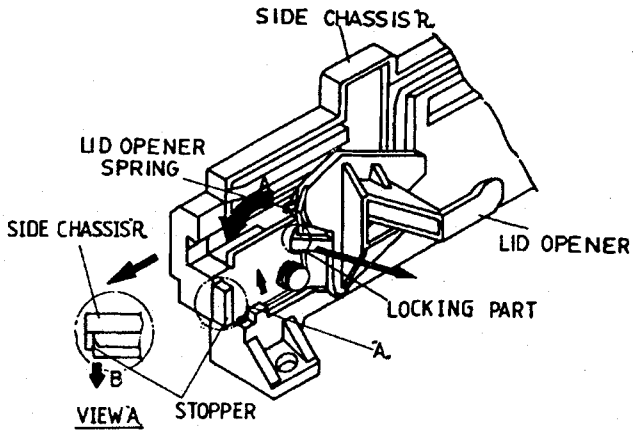



Fig.17

* Remove the lid opener spring from the locking part of the lid opener.

* Pull the lid opener in the direction A. and release the locking part pulling it in the direction B (Refer to view A)

5. Timing Gear, Side Arm (L) Assy&Worm Gear Housing Removal

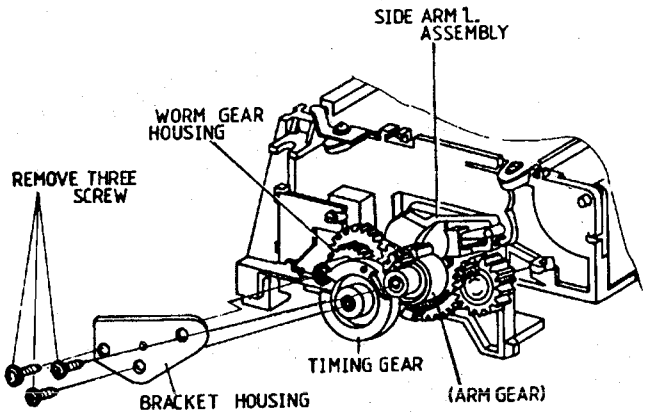



fig.18

1). Remove the three screws from the housing bracket. (Fig.18) (Remove the ground wire)
2). Remove the timing gear and the side arm(L) assembly and the worm gear housing.

**Note:**

Upon reinstallation, check to see if the shaft (R) and (L) of the cassette holder is inserted at the home position of side arm(R) and (L).

6. Side Arm (R) and (L) Reinstallation

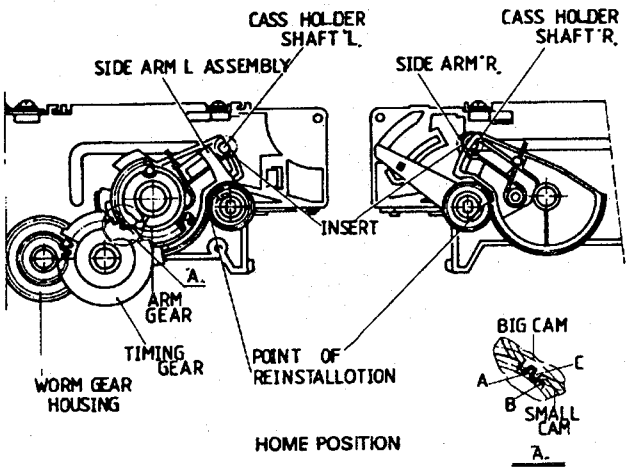



Fig.19

7. Upper Chassis Removal.

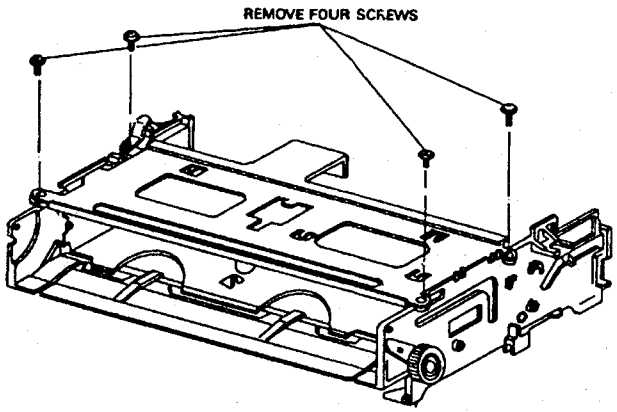



Fig.20

After removing four screws, pull the upper chassis upward to remove. (Fig. 20)

1). Release the eject spring .
2). Remove the arm gear.
3). Release the tension spring L.

8. Side Arm(L) Assembly Removal.

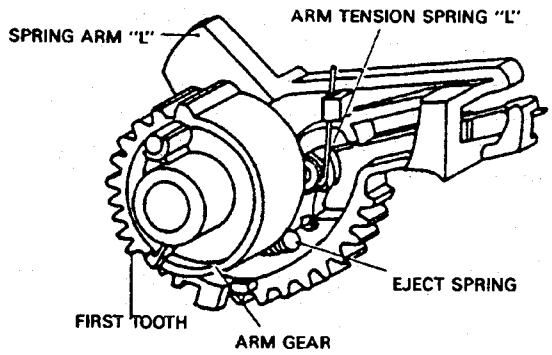



Fig.21

## 2-2-4.. HOW TO ASSEMBLE CASSETTE HOUSING

### 2-2-4-1. Without Jig for Assembling

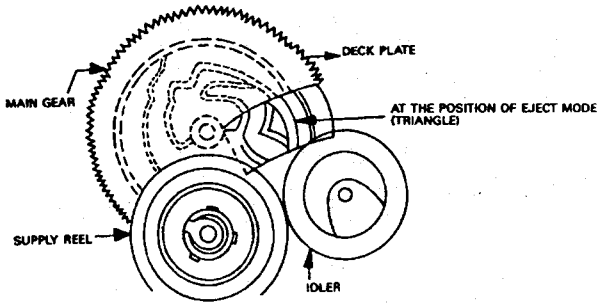



Fig.22

1. Before assembling the cassette housing, eject loading gear completely.
2.. Make certain the main gear of the loading motor is at the eject position as Fig.22.
3. As shown Fig .23, rotate the worm gear housing of cassette housing in the direction of the arrow, until the rotation comes to stop.

* Check the movement of the front loading mechanism, it should move freely from the eject to the cassette load position. If not the worm gear housing is in the wrong position.

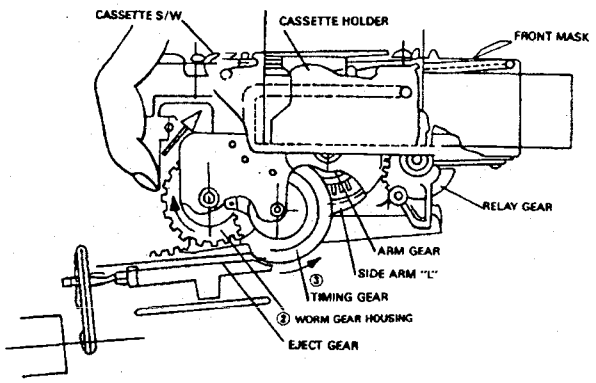



Fig 23

if the cassette tape does not come out in the eject mode, assembling of gears(2) and (3) is not correct , reassemble the cassette housing.

### 2-2-4-2. With Jig for Assembling

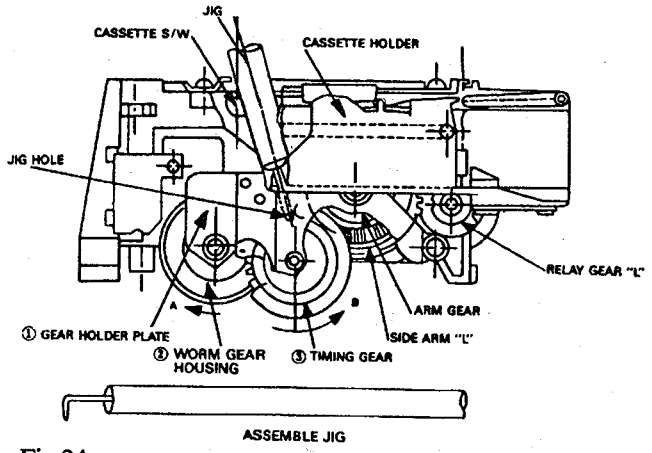



Fig.24

As shown in Fig.24, rotate the timing gear (3) and worm gear housing (2) to the direction of A and B, Aligned the hole of gear holder plate (1) and timing gear (3) and then insert the assembly jig in the hole to set-up the deck.

### 2-2-5. Mechanical Chassis Assembly Removal.

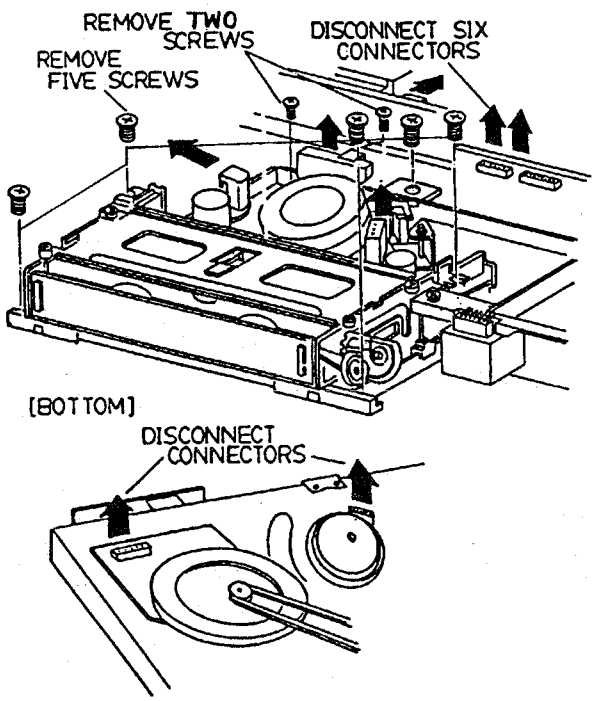



Fig.25

1. Remove the Panels. (See Fig. 1 to 3)
2. Disconnect the six connectors. (four on top, two on bottom)
3. Remove the two screws and pull the video head pre-amp ass'y assembly upward to remove.
4. Remove a ground straps from bottom.
5. Remove the five screws and pull the mechanism chassis assembly upward to remove

### 2-2-6. Video Head (Upper Drum) Removal and Drum Motor Assembly Removal.

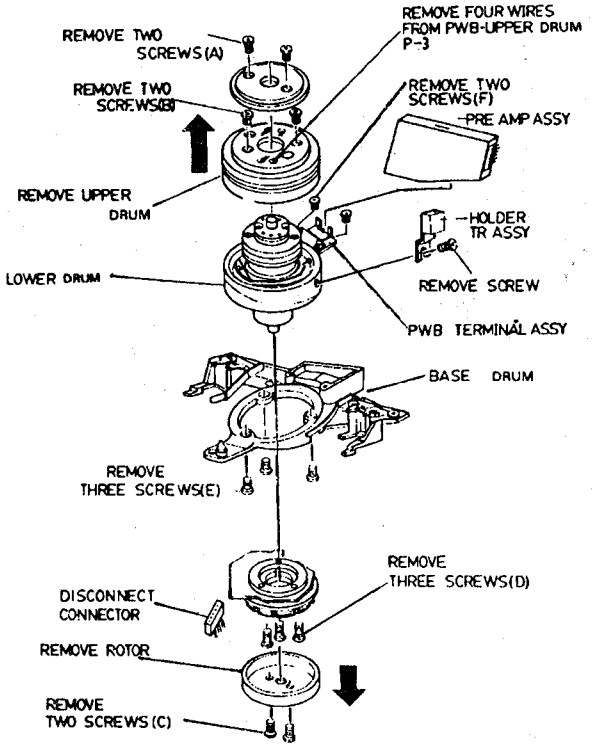



Fig.26

**Note:**

Take extreme care when removing the upper drum. Do not touch the video head tips (located in the upper drum) during servicing.

* Follow the procedure for removing

1. Remove the top cabinet. (See Fig. 1)
2. Remove the bottom cover. (See Fig. 2)
3. Remove two (A) screws holding the upper drum cover.
4. Remove four wires soldered to PWB-Upper Drum P-3.
   Note: Upon reinstallation, connect four wires to wires of the same color which are soldered PWB-upper drum P-3.
5. Remove two(B) screws on the upper drum.
6. Lift up the upper drum in the direction of the arrow.
7. Remove video head pre-Amp ass'y two screws.
8. Remove two(C) screws holding the fly wheel.
   Note:Before removing flywheel mark position.
9. Disconnect connector (CN004) from the drum motor.
10. Remove three screws(D) holding the drum motor.

* When it is necessary to remove lower drum, remove three screws (E) and lift up the lower drum assembly in the direction of the arrow.

**Note:**

Upon reinstallation, alternately tighten the two screws holding upper drum and perform the following adjustments.

* Tracking preset adjustment.

* A/C head horizontal position adjustment (X-Point Adj).

### 2-2-7. Full Erase(F/E) Head & Supply Roller Removal

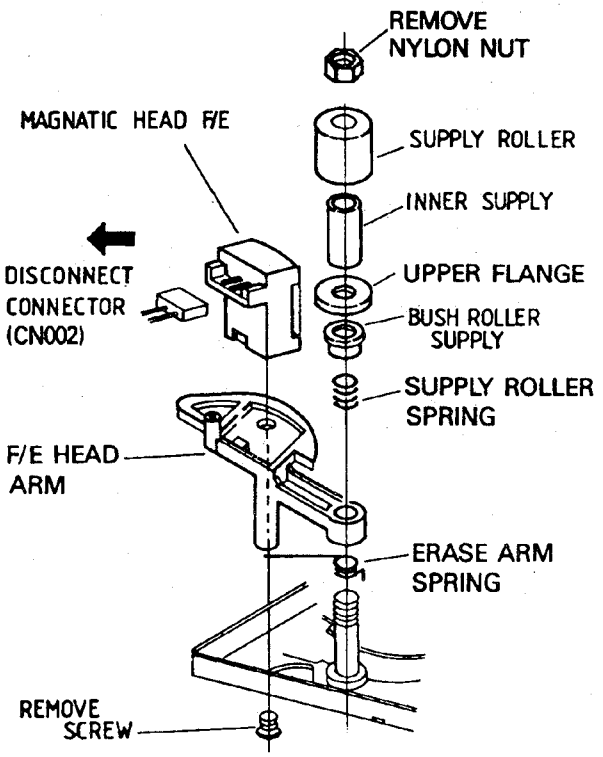



Fig.27

1. Remove the top cabinet.(See Fig.1)
2. Disconnect the connector (CN002)from the F/E head.
3. Remove the nut at the top of the supply roller and remove the supply roller,inner supply, upper flange, supply roller bush.
4. Remove the supply roller spring.
5. Pull the F/E head arm upward to remove.
6. Remove the screw holding the F/E head.
7. Pull the erase head arm spring from the hole upward and remove.
8. After replacing or reinstalling the F/E head, clean each tape contact surface of the F/E head and supply roller.

**Note;**
Upon reinstallation, turn the nylon nut firmly (fix type).

### 2-2-8. Audio / Control (A/C) Head Removal

1. Remove the top cabinet. (See Fig. 1)
2. Disconnect the connector (CN005) from the A/C head.
3. Remove the hex nut holding the A/C head holder and remove the plain washer.
4. Pull the A/C head assembly upward to remove.
5. Remove screw (A) and spring (A).
6. Remove screw (B) and remove A/C head assembly.
7. After replacing or reinstalling the A/C head assembly holbor, clean the tape contact surface of the head.

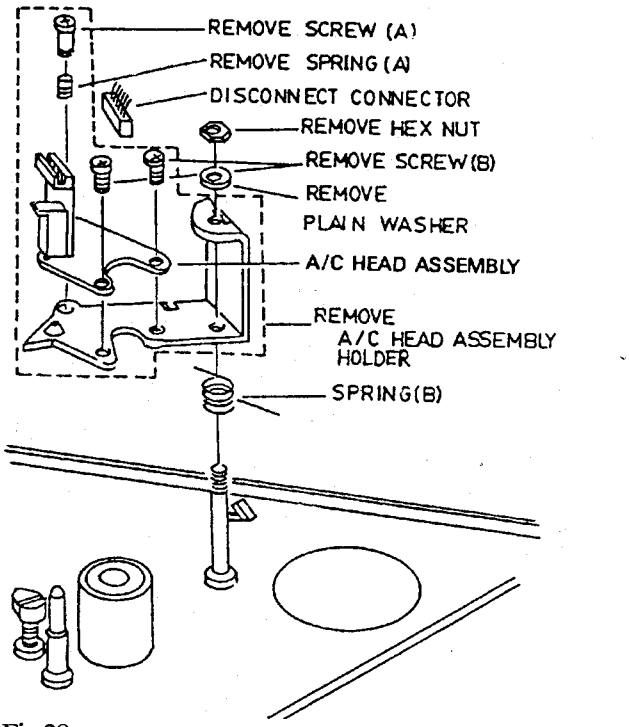



Fig.28

**Note:**
Upon reinstallation, hook the spring between A/C head base and mechanism chassis.
After installing the A/C head asslembly holder, perform the following adjustments.

1) A/C Head Height, Tilt and Azimuth Adjustments.
2) A/C Head Horizontal Position Adjustment (X-Point).
3) Audio Playback Gain Adjustment.
4) Audio Bias Level Adjustment.

* Audio head height must be performed before A/C head horizontal position adjustment is performed.
* If audio head height is adjust, the A/C head horizontal position must be readjusted.
* After completion of the A/C head position adjustment, the A/C head base must be positioned at apporximately the center of the X-Point nut adjust.

### 2-2-9. Loading Motor Assembly Removal

1. Remove the top cabinet. (See Fig. 1)
2. Remove the bottom cover. (See Fig. 2)
3. Remove the mechanism chassis assembly. (See Fig. 25)
4. Remove the housing assembly. (See Fig. 12)
5. Remove the slit washer.
6. Remove the two connectors.
7. Release the spring (Loading pin side first).
8. Remove the three screws and pull the loading motor assembly upward in the direction of the arrow (A).

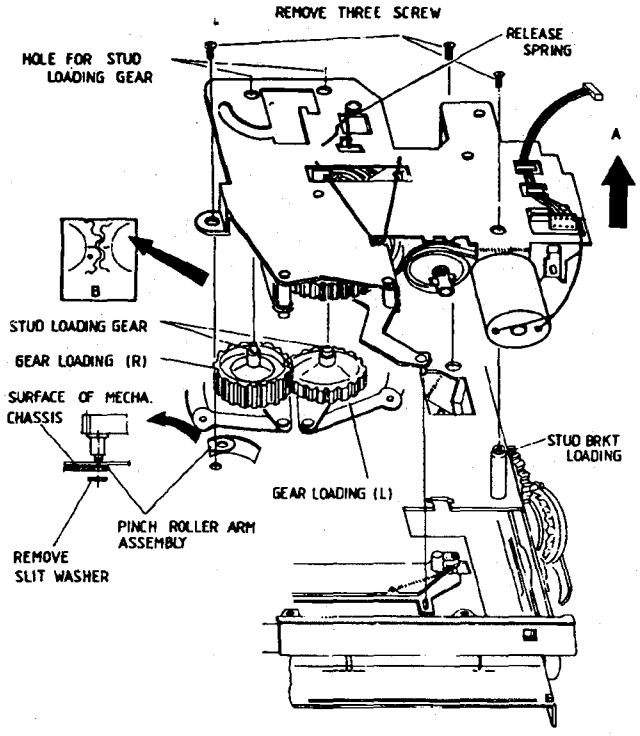



Fig.29

Note
Upon reinstallation, be sure the marks on the gear loading (L), (R) are positioned in line (See B).

**2-2-10. Tension Arm Assembly, Tension Band Assembly Removal**

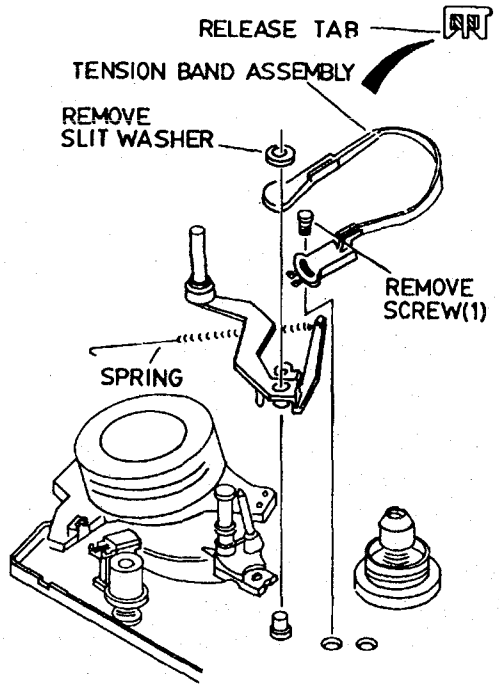



Fig.30

1. Remove the screw holding the tension band assembly.
2. Remove the spring hooked on the chassis.
3. Remove the slit washers and pull the arm tension assembly upward.
4. Release the tab holding the tension band assembly.

**Note**
Confirm back tension after reinstalling.

**2-2-11. Brake Sub (R) Assembly and Brake Sub (L) Assembly Removal**

1. Follow the procedures for removing the panels. (See Figs. 1 to 3)
2. Remove the housing assembly. (See Fig. 12)
3. Remove the two slit washers and release the sub brake (R) spring.
4. Release the tabs holding the brake Sub (R) assembly and brake sub (L) assembly.

**Note**
Take care when removing spring.

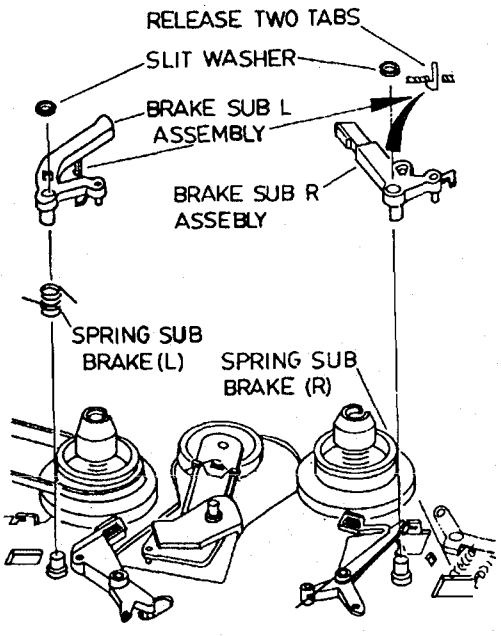



Fig.31

### 2-2-12. Brake Main (L) Assembly and Brake Main (R) Assembly Removal

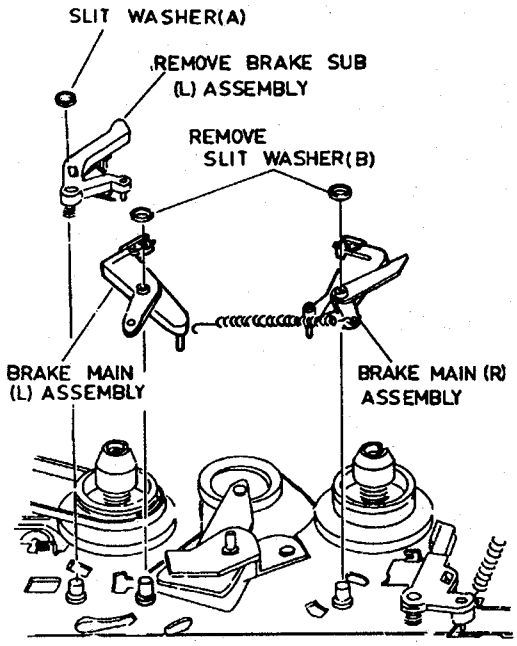



Fig.32

1. Follow the procedures for removing the panels. (See Figs. 1 to 3)
2. Remove the housing assembly. (See Fig. 12)
3. Remove the brake sub (L) assembly. (See Fig. 28)
4. Remove the two slit washers.
5. Release the spring hooks on the brake main assemblies.

### 2-2-13. D.D Capstan Motor Removal

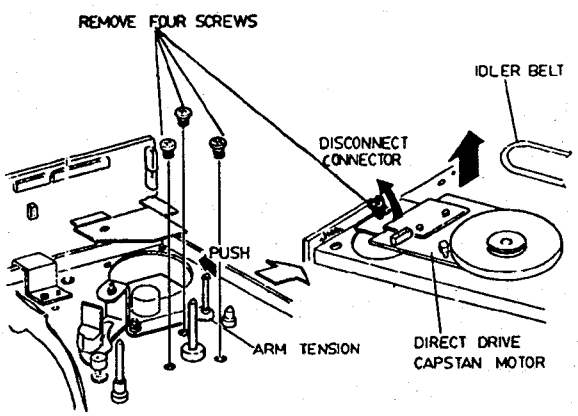



Fig.33

1. Remove the top cabinet.(See Fig. 1)
2. Remove the bottom cover. (See Fig. 2)
3. Release the idler belt and disconnect connector from D.D capstan motor.
4. Remove four screws.
5. Push the review arm assembly, remove four screws.

### 2-2-14. Assembly Gear Loading (L)(R) Removal

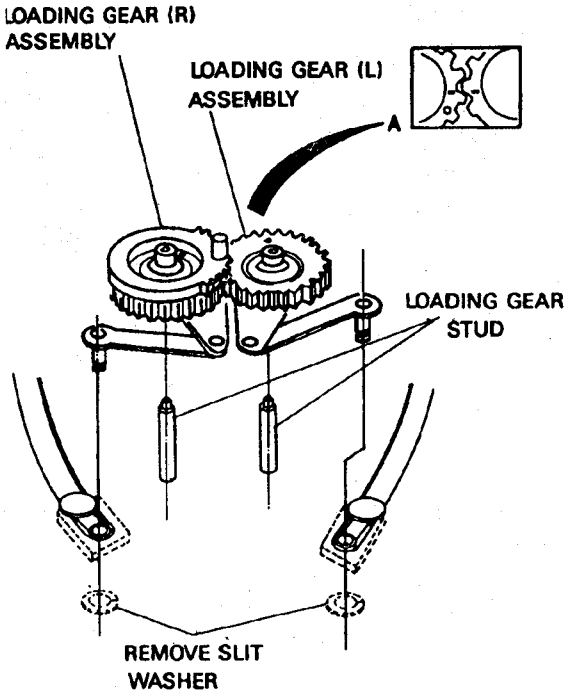



Fig.34

1. Follow the procedures for removing the panels. (See Figs. 1 to 3)
2. Remove mechanism chassis assembly. (See Fig. 22)
3. Remove the housing assembly. (See Fig. 12)
4. Remove the loading motor assembly. (See Fig. 29)
5. Remove the slit washer holding on the loading arm assembly.

**Note**

Place gears in the unloaded position upon reinstallation, be sure the marks on the gear loading (L)(R) are positioned in line. (See. A)

### 2-2-15. Guide Roller Assembly Removal

1. Remove the top and the bottom cover. (See Figs. 1,2)
2. Loosen each set screw at the pole base assembly.
3. Turn the guide roller assemblies counterclockwise.
4. After replacing or reinstalling the guide roller assemblies, clean each tape contact surface of the guide roller assemblies.

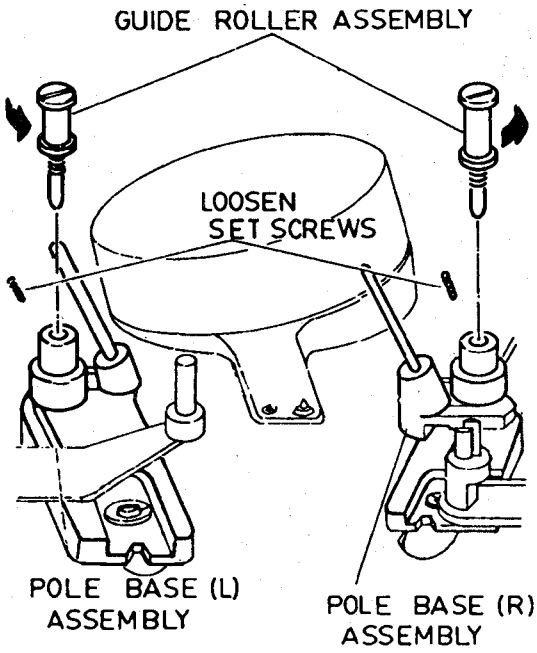



Fig.35

**Note**

Upon reinstallation, perform the guide roller assemblies adjustment.

**2-2-16. Reel Disk (S) Assembly Removal**

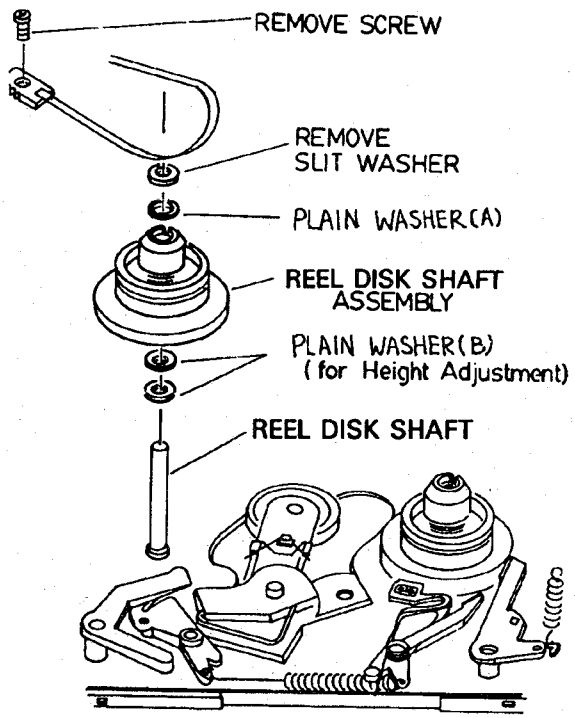



Fig.36

1. Remove the top and bottom cover. (See Figs. 1,2 )
2. Remove the housing assembly. (See Fig. 12)
3. Remove the screw holding the tension band assembly.
4. Revmoe the slit washer from the reel disk shaft.
5. Remove the plain washer (A).

**Note**

Do not remove the plain washer (B) under the reel disk (S) assembly.

**2-2-17. Reel Disk (T) Assembly Removal.**

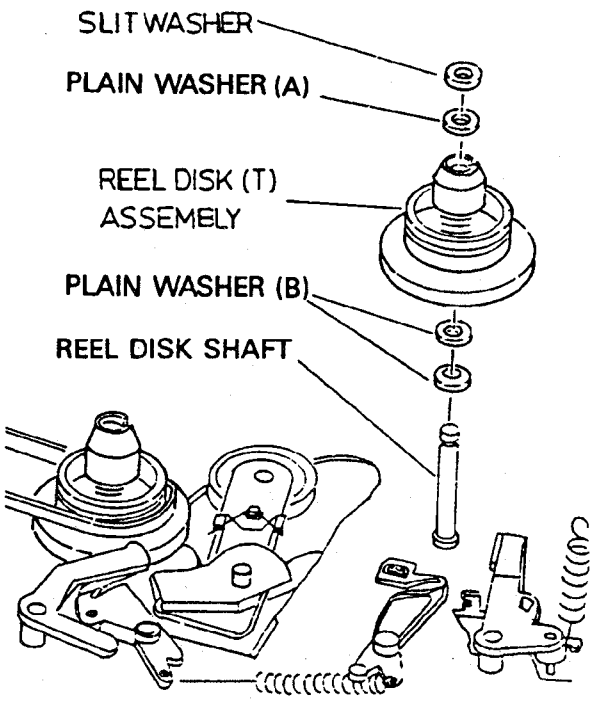



Fig.37

1. Remove the top and bottom cover. (See Figs. 1,2)
2. Remove the housing assembly. (See Fig. 12)
3. Remove the slit washer from the reel disk shaft.
4. Remove the plain washer (A) and pull the reel disk (T) assembly upward.

**Note:**

Do not remove the washer plain(B) under the reel disk (T) assembly.

**2-2-18. Pinch Roller Assembly and Pinch Roller Arm Assembly Removal.**

1. Follow the procedures for removing the panels. (See Fig. 1 to 2)
2. Remove the housing assembly. (See Fig.12)
3. Remove the screw holding the pinch roller assembly.
4. Remove the ring-E.
5. Remove the slit washer(A) and slit washer(B).
6. Release the spring (A) and the spring(B).

7. Pull the pinch roller arm assembly upward (arrow mark direction ) to remove.

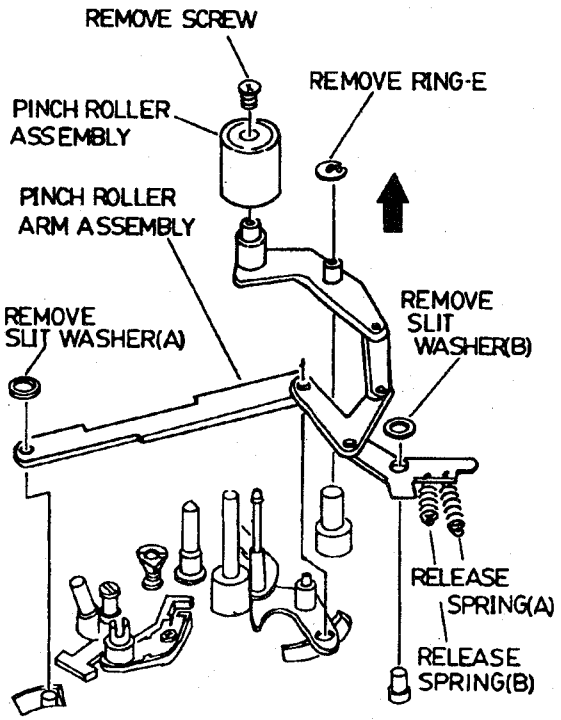



Fig.38

**2-2-19.Assembly Holder LED Removal.**

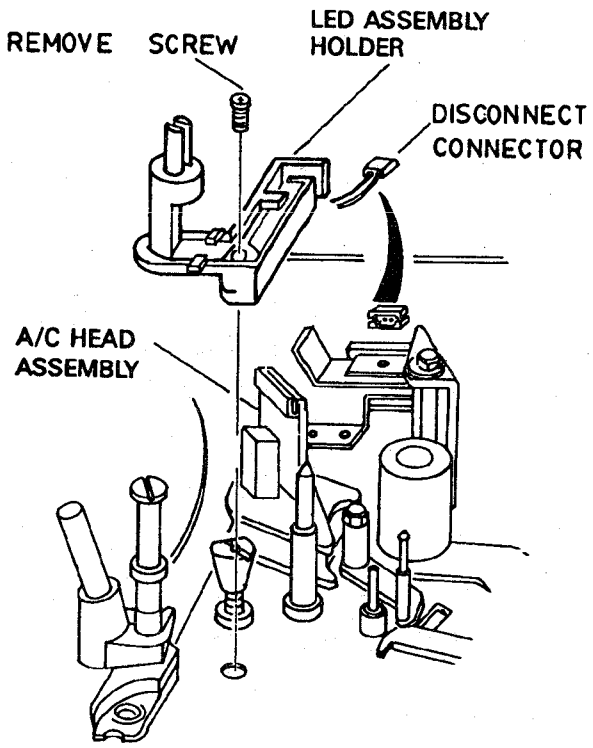



Fig.39

1. Follow the procedures for removing the panels. (See Fig.1)
2. Remove the housing assembly. (See Fig.12)
3. Disconnect the connector.
4. Remove screw and the LED assembly holder upward to remove.

**2-2-20. Review Arm Assembly Removal.**

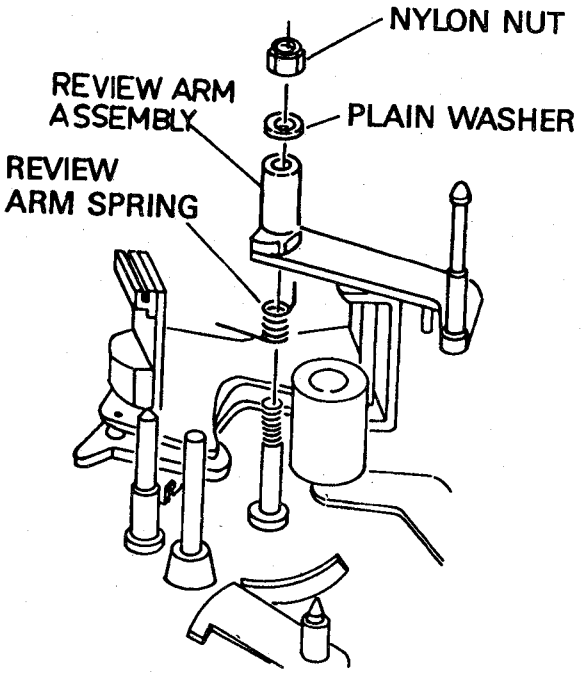



Fig.40

1. Remove the top cabinet.(See Fig. 1)
2. Remove nylon nut and plain washer.
3. Release review arm spring.
4. Pull the review arm assembly upward to remove.

**Note:**
After replacing or reinstalling the review arm assembly clean the tape contact surfase of the review arm assembly and perform the review arm assembly adjustment.

**2-2-21. Drum assembly Removal.**

1. Follow the procedures for removing the panels. (See Figs. 1 to 2)
2. Remove the video head pre Amp assembly.(Fig. 46)
3. Disconnect the two connectors(CN004, CN101).
4. Remove the three screws.

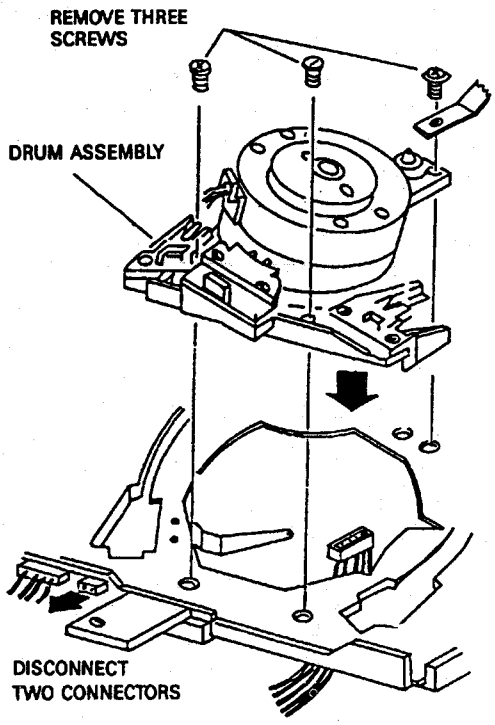



Fig.41

**2-2-22. Assembly Photo Interrupter Removal.**

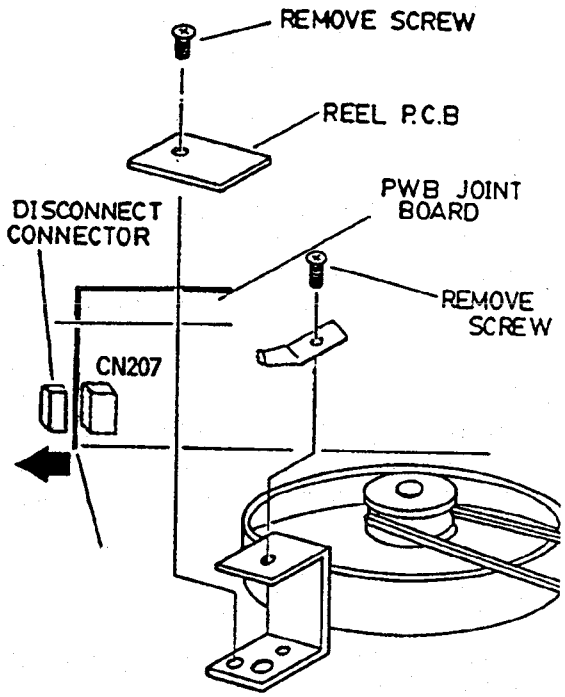



Fig.42

1. Remove the top and bottom cover. (See Figs. 1, 2)
2. Disconnect the connector (CN207).
3. Remove the screw.

**2-2-23. I. B Slide Assembly and Plate Main Slide Removal.**

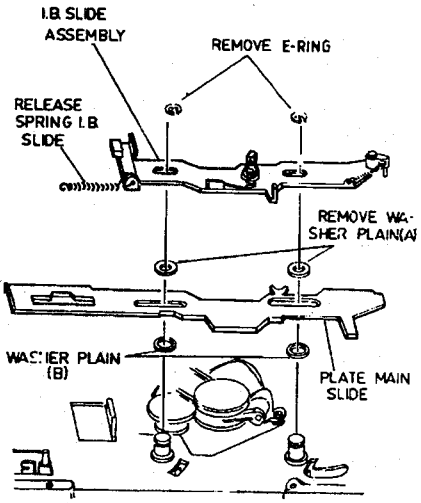



Fig.43

1. Follow the procedures for removing the panels. (See Figs. 1 to 3)
2. Remove the mechanism chassis assembly. (See Fig.25)
3. Remove the loading motor assembly. (See Fig.29)
4. Remove two ring-E washers and release spring I.B slide upward to remove.

**Note:**
Do not remove the plain washer (B) under the plate main slide.
* I . B :Idler Break

**2-2-24. Idler Clutch Assembly Removal.**

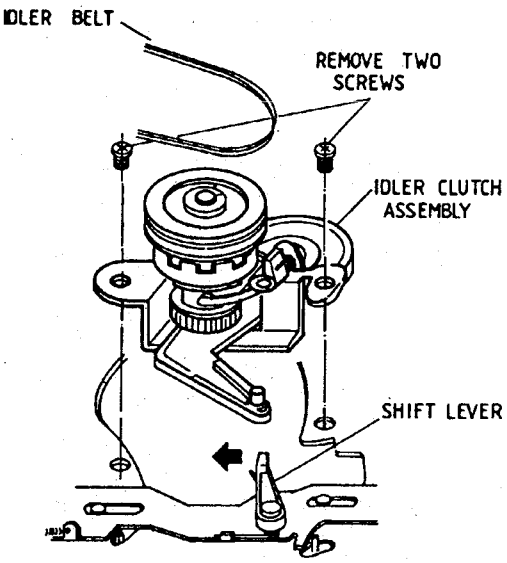



Fig.44

1. Remove the bottom cover. ( See Fig.2)
2. Release the idler belt and remove the two screws.
3. Pull the idler clutch assembly upward to remove, at the same time push the shift lever about 5-10 mm.

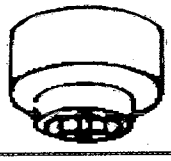
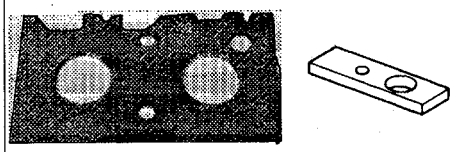
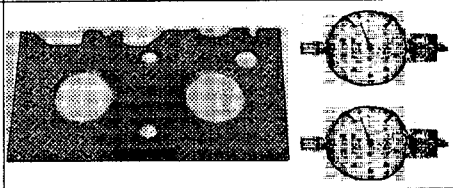
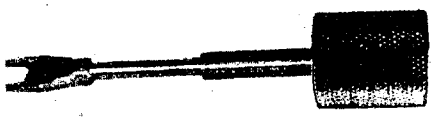
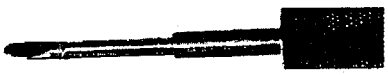
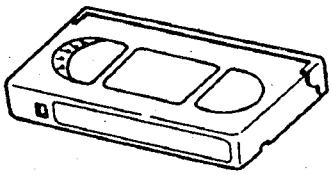
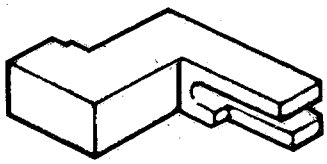
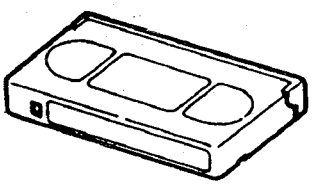
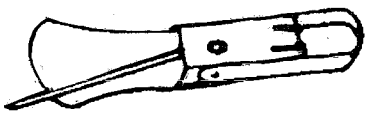
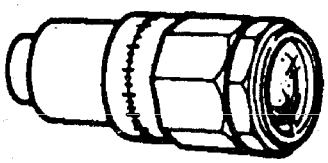
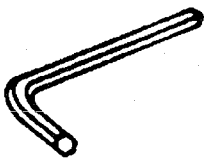
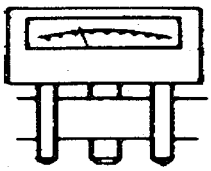
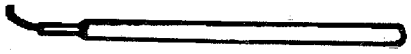
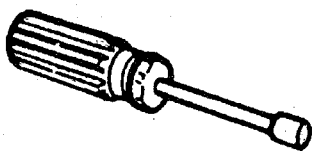
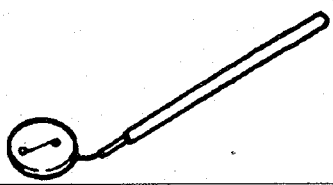
# 3.MECHANICAL ADJUSTMENTS

## 3-1. MECHANICAL ADJUSTMENT TOOLS

| JIG ITEM | CODE NO | SPECIFICATION | DESCRIPTION | SKETCH NO |
|---|---|---|---|---|
| TORQUE HEAD GAUGE | SSJ-1001B | LONG | This gauge is used to check and adjust the torque of Take up/Supply Reel. | *A* |
| MASTER PLANE & REEL DISK HEIGHT JIG | SSJ-1002A | G-5/6 CHASSIS | This jig is used to check the height difference between Reel Disk and Deck Plate. | *B* |
| | SSJ-1002B | G-7/8 CHASSIS | | *C* |
| ADJUSTING DRIVER A | SSJ-1003A | COMMON | This jig is used when replacing the Cam adjust and Guide Roller. | *D* |
| B | SSJ-1003B | COMMON | This jig is used when replacing the A/C Head, Supply Roller, Tape Guide and Arm Tension. | *E* |
| BACK TENSION CASSETTE GAUGE | SS-1004 | COMMON | This gauge is used for Supply Reel torque alignment. | *F* (*) |
| GUIDE POLE HEIGHT ADJUSTING JIG | SSJ-1005A | G-5/6 CHASSIS | Used to adjust tape height to the Video Head. | *G* |
| | SSJ-1005B | G-7/8 CHASSIS | | |
| DRUM REPLACEMENT JIG | SSJ-1007 | COMMON | This jig is used when replacing the VCR's Upper Drum. | *H* |
| ALIGNMENT TAPE<br>SR1-2<br>SR2-2<br>SVJ-2 | <br>SSJ-1014C<br>SSJ-1014D<br>SSJ-1014F | <br>PAL(LION.6K)<br>PAL(COLOR.1K)<br>PAL(TESTING) | These tapes are used for fine electrical adjustment and tape runing system (Mecha) alignment. | *I* |
| TENSION GAUGE | SSJ-1008 | 300 g | This gause is used for tension measurements. | *J* (*) |
| TORQUE GAUGE | SSJ-1009 | 600 g | This jig is used to check and adjust the torque of Take up/Supply Reel. | *K* (*) |

| JIG ITEM | CODE NO | SPECIFICATION | DESCRIPTION | SKETCH NO |
|---|---|---|---|---|
| HEX WRENCH | SSJ-1010A<br>SSJ-1010B<br>SSJ-1010C | 0.7 mm<br>1.2 mm<br>1.5 mm | These wrenches are used for locking or tightening special Hexagon type screws. | *L* (*) |
| TAPE TENSION GAUGE (TENTELO METER) | SSJ-1011 | COMMON | This tape tension gauge is used for measuring the back tension of the runing tape. | *M* (*) |
| CASSETTE HOUSING ASSEMBLE JIG | SSJ-1012 | COMMON | This jig used for cassette housing assembly. | *N* |
| BOXER DRIVER | SSJ-1015 | COMMON | This tool is used for replacing the A/C Head. | *O* (*) |
| DENTAL MIRROR | SSJ-1016 | COMMON | This tool is used for tape transport system check. | *P* (*) |
| ADJUSTING DRIVER | SSJ-1017 | COMMON | This tool is used for electrical adjustment. | *Q* (*) |

(*) : *These Jigs are not supplied from SAMSUNG.*

| A | B | C |
|---|---|---|
|  |  |  |
| D | E | F |
|  |  |  |
| G | H | I |
|  | |  |
| J | K | L |
|  |  |  |
| M | N | O |
|  |  |  |
| P | Q | |
|  | | |

### 3-2. Reel Disk Heights

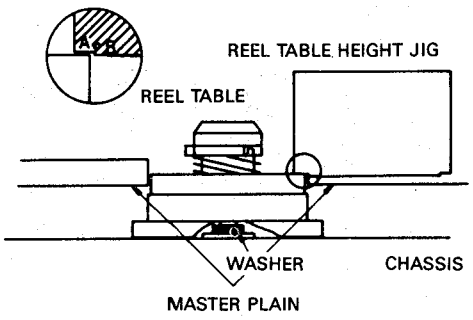



Fig.1

The height of the supply and take-up turntables should be the same, +0.2/-0.2mm. Turntable heights are adjusted by changing plain washer stack under each turntable. Check turntable heights by installing the Master Plain. Set the reel disk height jig in place and check the height of the supply and take up turntables. (See Fig. 1) The size of washer is 0.5mm (3.2 mm ID). This washer should be used to achieve equal reference heights for both truntables.

**Note:**
For proper height point "A" should slide over the reel disk and point "B" should not.(Fig. 1)

### 3-3. Back Tension Adjustment (Fig. 2)

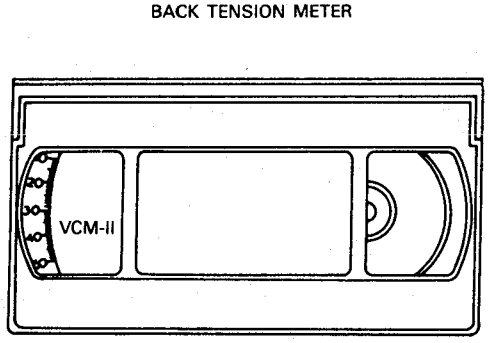



Fig.2

When the back tension is properly adjusted, the service test tape recorded will play back with minimum skew error-picture displacement in line following head switching. The tension is set as follows

1.Load the VCR with the back tension adjustment tape.
2.Place the VCR in the "play" mode.
3.Read the scale on the reel disk(S).
4.This reading should be between 39.5 and 44.5
5.After loosening the screw, move the Fig 3 tension spring in direction "B", If the tension adjustment tape reads 45 or higher, in direction "A" when it is 39 or lower, and adjust the back tension for a nominal reading of 42 on the scale.
6. Recheck the arm tension position when the back tension is changed (6 or more).

**Note:**
The VCR must be in a horizontal position for this adjustment.

### 3-4. Arm Tension Position Adjustment (Fig. 3)

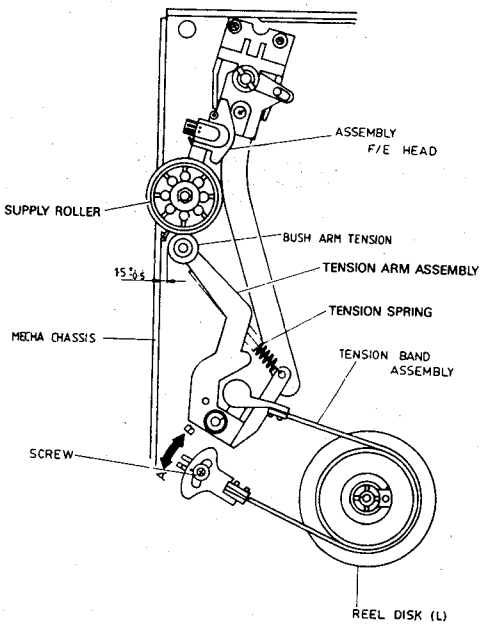



Fig.3

1.After removing the housing assembly, mommentarily short the tenth pin of the deck joint. P.C.Board's connector CN 205 to ground.
2.Place the instrument in the "play" mode.
3.After loading is complete, loosen the screw holding the tension holder. A and adjust so that the clearance between lower edge of tension pole ass'y and chassis is 1.5mm ± 0.5mm.
4. Tighten screw to secure adjustment.

### 3-5. Brake Torque Confirmation

1. Remove top cover and place VCR in the "stop" mode.
2.Clean the brake surfaces on turntables using "cloth" and solvent, before measuring torque.
3. Attach the torque gauge head to the torque gauge.
4. Place torque gauge on the reel disk (S) turnable.
5. Turn torque gauge in a clockwise direction until the brake begins slipping. Maintain "slipping" rotation and read torque.(torque reading should be more than 200 grams/cm)
6.Repeat for the take up side turning the torque gauge counterclockwire.
(reading should be more than 200 grans/cm)

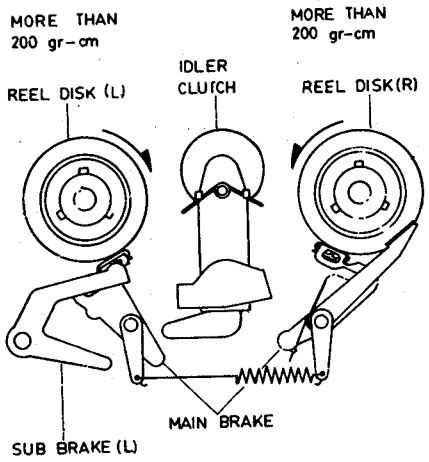



Fig.4

**Note:**
Brake torque problems can cause tape stretch, broken tape or loose tape in cassette.
These symptoms can usually be corrected by properly cleaning. If not replace brakes.

### 3-6. Play, Fast Forward, Rewind Torque Confirmation

1.Place the cassette holder in the loading state without inserting a cassette tape.
2.Attach the torque gauge head to the torque gauge.
3.Place torque gauge on the reel disk (T), operate VCR in the "SP record" mode.
(Torque should measure 150 + 30 grams/cm)
4.Press Fast Forward button.
(Torque reading should be 600 grams/cm minimum)
5.Place torque gauge on the reel disk(S) and operate instrument in the "rewind" mode.
(Torque reading should 600 grams/cm minimum)

### 3-7. Rough Tape Travel Check

Using a blank tape, place the VCR in "play" mode and note the following.

1.The tape should be in full contact with all tape guide posts.
2.The tape should be crease-free with no slack.
3.The supply roller should be moving freely.
4.The tape should be perpendicular to the longitudinal axis of the heads when crossing the erase head and the A/C head.
5. The tape should be centered top to bottom on the head when crossing the full erase head.
6.The tape should follow the lower-edge guide surface on the lower drum.

### 3-8. Creasing or Slack Tape.

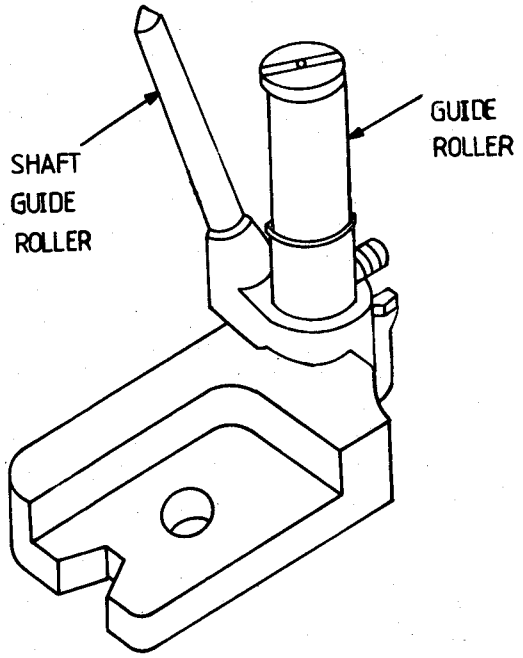



Fig.5

Load the VCR with a blank tape and place in "play" mode.
With the tape running, inspect the tape path for creasing or frilling along top or bottom edges of tape. If the tape is creasing or frilling, check the tape as it goes "on" and comes "off" the lower drum.
The tape should follow the lower edge guide surface on the drum. If the tape is high on the guide surface, rough adjust guide rollers to correct this condition. (use guide roller adjusting driver)
It will now be necessary to perform guide rollers adjustments and confirm interchangeability.

### 3-9. Mechanical Interchangeability Consideration

The tape-guide adjustments position the tape so that the prerecorded tracks on the test tape ailgn perfectly with the scan of the video head assembly. The mechanical interchangeability adjustment procedures will insure that a tape recorded on the VHS recorder will playback properly on another machine.

Usually little or no mechanical adjustment is required after routine (head replacement) servicing. Before making any adjustments, perform the following interchangeability confirmation procedure to determine if adjustment is required. IF the video heads are replaced, it will also be necessary to confirm the PG shifter adjustment.

If major mechanical servicing was perfomed (tape guide replacement, etc.) perform "Rouge Tape Travel Adjustment" befor using test tape.

### 3-10. Interchangeability Confirmation

This confirmation check should be performed after any servicing operation that could adversely affect the tape path; i.e.Lower drum motor replacement, tape guide replacement, audio/control head replacement, etc.

If unit passes this confirmation check, no tape guide adjustment is required.

Preliminary:

The adjustment should be preformed after the Tracking Preset adjustment is completed.

1.Connect a channel-1 scope probe (2V/div.;5ms/div.) to W17 (Main-B PCB; SW 25HZ).
2.Connect the channel-2 scope probe (10mV/div.) to TP0301 (Main-B PCB; PB FM Level).
3.Play monoscope signal on test tape (Alignment Tape SR1-2. See Jig List).
4.Adjust tracking control (VR702) for maximum FM envelope amplitude (TP0301 signal) at center of envelope.
5.Adjust scope vertical gain control so that maximum envelope amplitude is 1.8 - 2.4 graticule divisions.
6.Turn tracking contorl (VR702) to the left so that maximum envelope amplitude can be graticule divisions.
7.Confirm that the minimum envelope amplitude is 0.6 graticule divisions or more Fig. 6.
8.Turn tracking control (VR702) to the right so that maximum envelope amplitude is 1 graticule division.
9.Confirm that the minimum envelope amplitude is 0.6 graticule division or more Fig 6.
10.If roadings are correction, No guide roller adjustments, are necessary.
11. Set tracking control to detent (fixed) position. Adjust Control Track/Audio Head assembly position (X-value) to obtain maximum FM envelope (TP0301 signal) at the detent position.

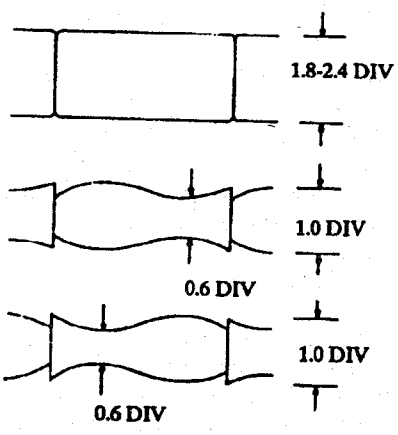



Fig.6

**Note:**
If the lower drum motor assembly has been replaced, perform the following electrical adjustments.
. PG Shifter adjustment.
. Record Chroma and Luminance Level adjustment.

### 3-11. Audio/Control Head (Height/Tilt/Azmuth)

1.Connect a scope probe (0.5V/div.; 1ms/div.) to TPW4 (Use audio out jack) located on the main circuit board.
2.Play back a 1-KHz (color bars) audio signal on test tape SR2-2.
3.Alternately adjust height screw (A) and tilt adjust screw (C) for maximum output.
4.Play back a 6-KHz audio aignal on test tape SR1-2.
5.Adjust azimuth screw (B) for maximum output.
6.Repeat steps 3 and 5 for maximum 6-KHz and 1-KHz output.
7.Lock the HEX NUT (A) with paint.

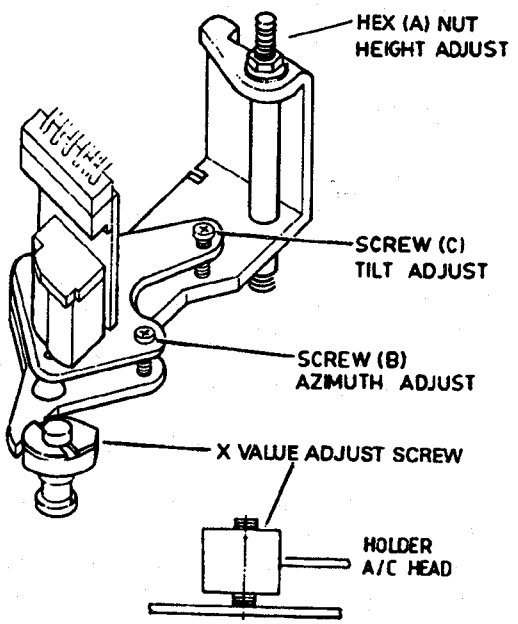



Fig.7

### 3-12. Guide Rollers Adjustment

1.Connect a channel-1 scope probe (2V/div.; 5ms/div.) to W17. Trigger the scope on channel-1.
2.Comnect channel-2. scope probe (10mV/div.) to TP0301 (Main PCB; PB FM Level).
3.Set tracking control to detent (fixed) position and play back test tape monoscope signal.
(Alignment tape SR1-2. Ref. Jig List). Slightly loosen set screw on pole base guide rollers.
4.Adjust guide roller down using guide roller adjusting driver (CW) untill bottom edge of tape slightly bows at the bottom of tape guide.
5.Monitor the head FM envelope at TP0301.
6.Turn (CCW) guide roller (right guide) to obtain maximum amplitude at right side of head envelope.
7.Turn (CCW) guide roller (lift guide) to obtain maximum amplitude at right side of head envelope.
8.Adjust tracking control (VR702) for best envelope.
9.Touch up guide rollers for maximum amplitude flat envelope. Tighten set screw at pole base of guide rollers.
10.Adjust control head position (if necessary) to move the best envelope condition to the tracking control detent positon.

**Note:**
In the event correct head envelope is not obtainable, check Audio/Control (A/C) head adjustment.

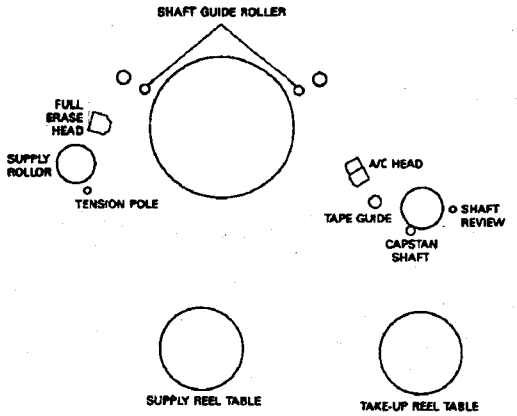



Fig.8

### 3-13. Audio/Control (A/C) Head Horizontal Position

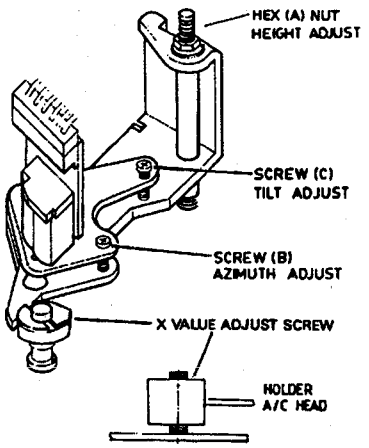



Fig.9

This adjustment establishes proper tape tracking when the tracking control (VR702) is in its detent position.

**Note:**
This adjustments should only be made after the tracking preset adjustment is completed. (See Electrical Adjustments.)

1.Connect a scope probe(10V/div.;5ms/div.) to TP0301 (Main P.C.B;PB FM Level) Trigger using W17.
2.Set tracking control(VR702) to the detent(fixed) position.
3.Playback monoscope signal on test tape. (Alignment tape SR1-2.See Jig List)
4.Carefully move the A/C head base plate in either direction for maximum head envelope output by adjusting the X-value screws(See Fig.7)

### 3-14. Operating The VCR without Inserting a Cassette Tape

1.Remove the top cover.
2.Remove the housing assembly (Fig. 12)
3.Plug the power cord of the VCR into the AC outlet.
4.Turn "on" the power switch of the VCR.
5.Connect a jumper to short circuit shortly between ground and the pin 10 of connector.
6. The above procedure enables the VCR to be operated without loading a cassette tape.

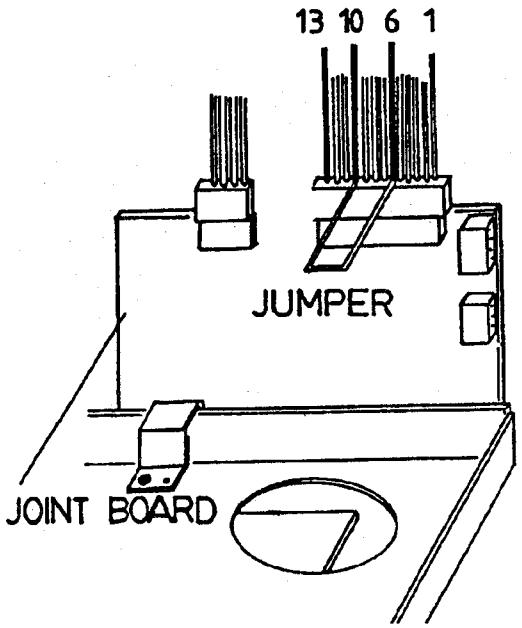
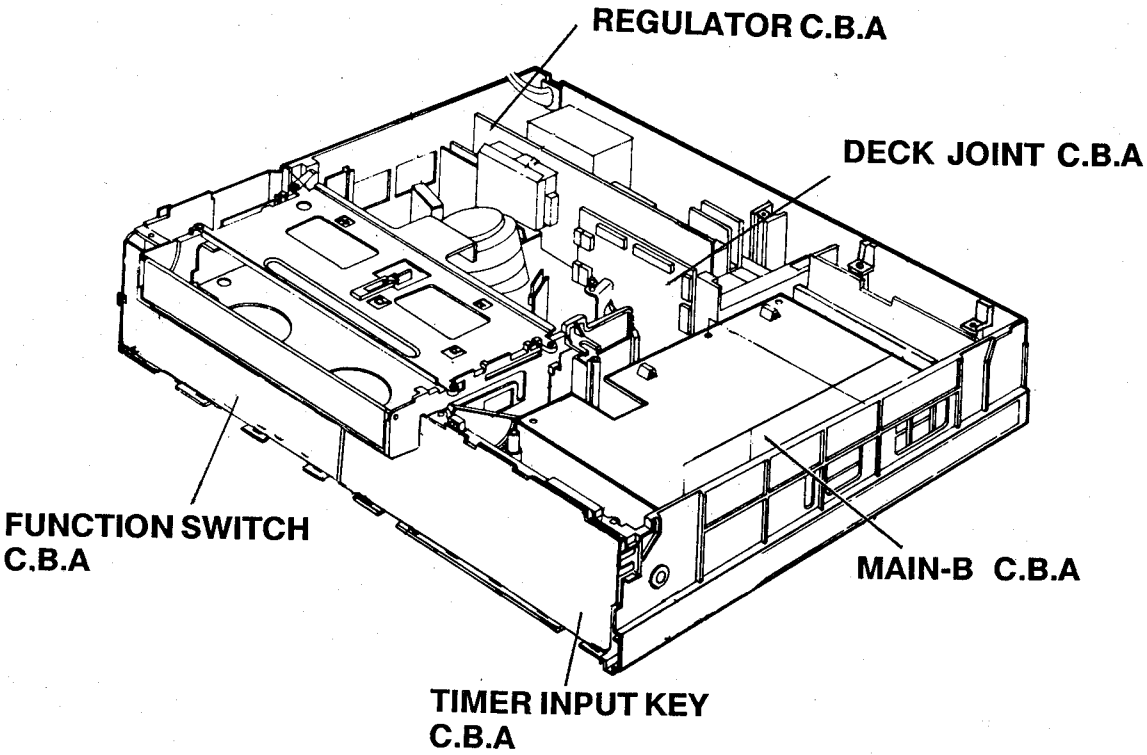
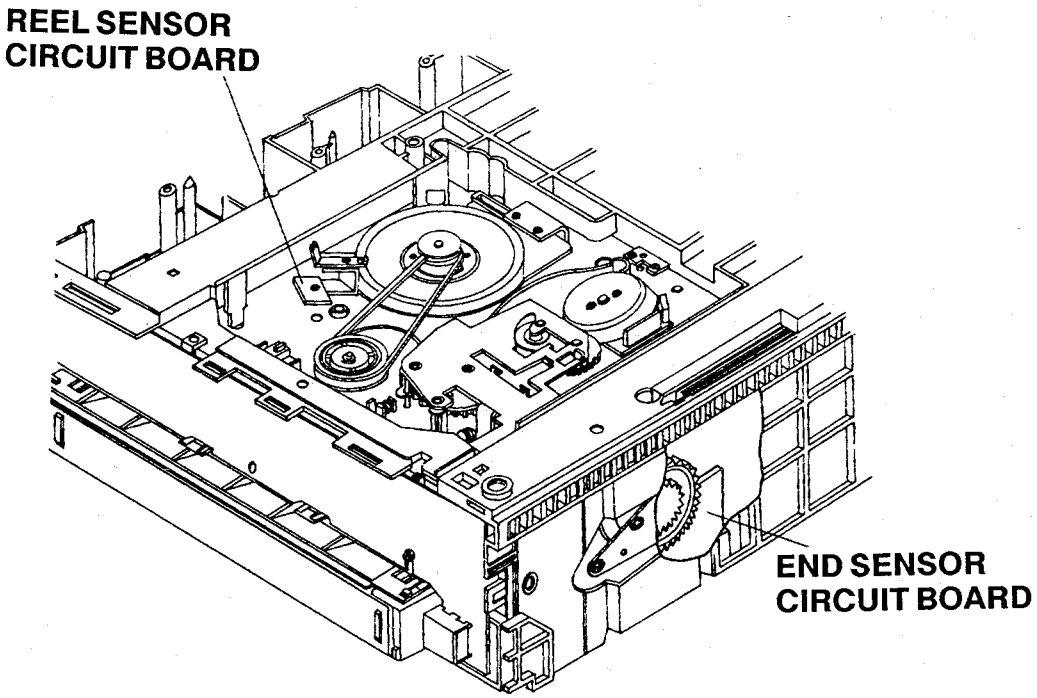



Fig.10

# 4. ELECTRICAL ADJSTMENTS

## 4-1. Circuit Board Location and Identification



## 4-2. SERVO SECTION in MAIN B. PCB

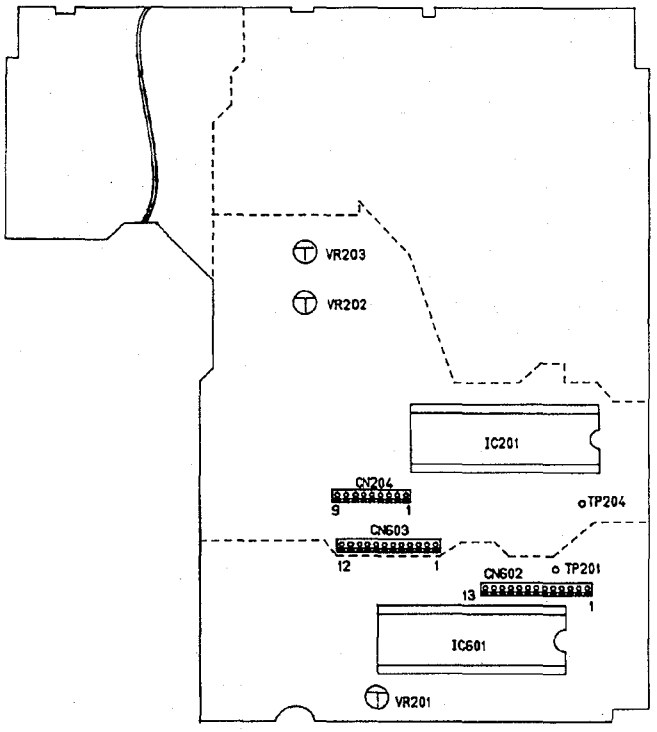



Fig.2 SERVO SECTION in Main-A Component Side

### 4-2-1. Tracking Preset Adjustment

*Equipment* : Oscilloscope

| | | |
|---|---|---|
| *Test Point* : | TP 201 (H'd SW 25Hz) | Main. A |
| | TP 204 (CTL Pulse) | Main. A |
| *Adjust* : | VR201 (Tracking Preset) | Main. A |

This adjustment sets the optimum tracking during playback of a tape recorded on this instrument so that it occurs at the detended position of the tracking contorl (VR702).

1.Load the instrument with an alignment tape and playback the color bar signal. (Alignment Tape SR 1-2)
2.Connect a channel - 1 scope probe (2V/div. 5ms/div.) to TP201. Trigger the scope on channel -1 .
3.Connect the channel -2 scope probe (2V/div.) to TP204.
4.Set the Tracking control (VR702) on the front panel to the detented position and adjust the Tracking Presest Control (VR201) to align the pulse width T = 5.0 + /-0.5ms. (Fig. 3)

**Note** :Make sure that T1 > T2. If not, change the order of the CTL head wire for the correct SERVO adjustment.

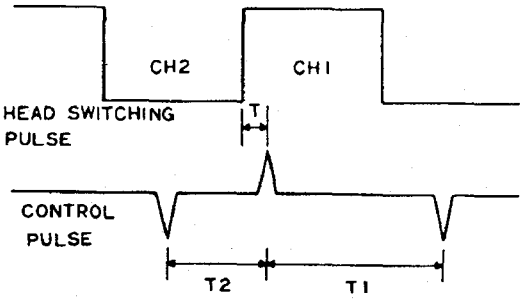



Fig 3. Tracking Preset

### 4-2-1. D.PG (Pulse Generator) Shifter Adjustment.

*Equipment* : Oscilloscope

| | | |
|---|---|---|
| *Test Points* : | TP-W6 (Video Output Signal) | Main. B |
| | TP 201 (H'd SW 25Hz) | Main. A |
| *Adjust* : | VR202(PG-2 Shifter) | Main. A |
| | VR203(PG-1 Shifter) | Main. A |

The Pulse Generator (PG) shifter determines the video head switching point during playback. Misadjustment of the PG Shifter may cause head switching noise in the picture and/or vertical jitter.

1.Load the instrument with an alignment tape and playback the color bar signal or monoscope signal. (Alignment tape SR2-2)
2.Connect a channel-1 scope probe (1V/div. 50us/div.) to TP201. Trigger the scope on channel-1.
3.Connect the channel-2 scope probe (1V/div.) to TP-W6.
4.Set the scope to ( + ) slope and adjust the PG-1shifter control (VR203) so that the trailing edge of the SW 25Hz pulse is placed 6.5H + /- 0.5H (horizontal) lines before the start of vertical sync pulse in Fig 4(a)
5. And then, set the scope to (-) slope and adjust the PG 2 shifter control(VR202) as in the PG-1 in Fig 4 (b).

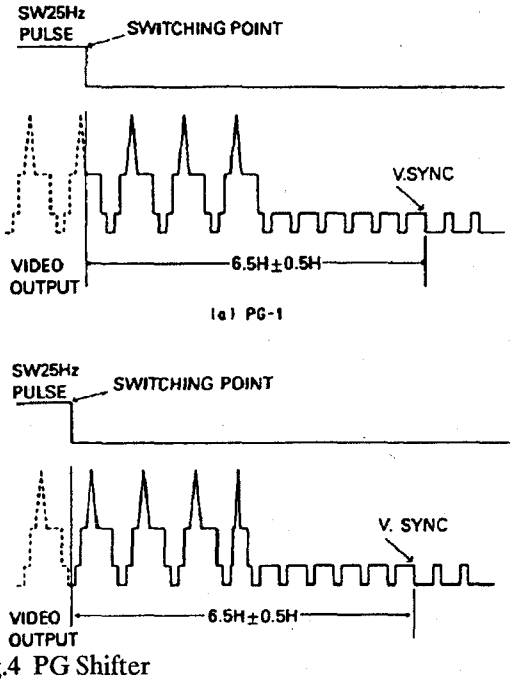



Fig.4 PG Shifter

### 4-2-3. Vertical Lock Pulse Adjustment

*Equipment* : TV monitor
*Adjust* : VR 703 Timer

This adjustment is to prevent vertically unstable picture in still mode.

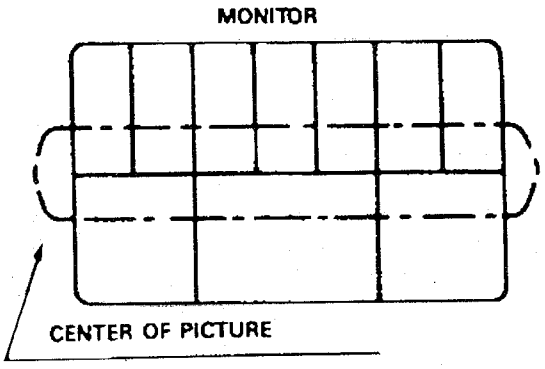



Fig.5

1.Apply a PAL color bar signal to the video input jack (BNC) on the rear panel.
2.Rocate the input selected S/W to AUX.
3.Insert a blank tape and amke a recording for a few minutes.
4.Playback in STILL mode.
5.Adjust the V-Lock Control VR703 so that the center of picture is most stable. (Fig. 5)

### 4-3. AUDIO SECTION IN MAIN-B P.C.B

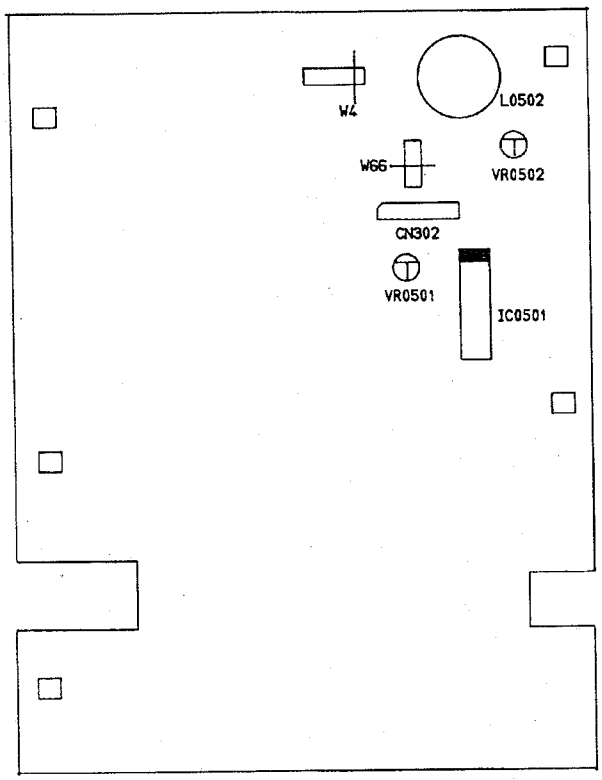



Fig.6

### 4-3-1. Audio PB Level Adjustment

*Equipment* : AC Voltmeter
*Test Point* : TP-W4 (Audio Output) Main. B
*Adjust*:: VR0501 (Audio PB Level ADJ) Main. B

This adjustment sets the output level of the audio signal to the sepecified level.

1.Connect a AC Voltmeter (OdB = 1Vrms) to TP-W4.
2.Load the instrument with an alignment tape and playback the 1KHz audio signal. (Alignment Tape SR 2-2).
3. Adjust the Audio Playback Level Control (VR0501) for 500mVrms.

### 4-3-2. Audio Bias Level Adjustment.

*Equipment* : Oscilloscope
*Test Point* : TP-W66( REC Bias Level) Main. B
*Adjust* : VR0502(REC Bias Level ADJ) Main. B

This adjustment optimizes the audio record bias. When the audio record bias is too low, high frequencies are increased resulting in distortion, When the level is too high, high frequencies are attenuated.

1. Connect a channel-1 scope probe(10v/div.; 10us/div.) to TP-W66.
2. Load the instrument with a blank tape and place in the SP record mode with no signal.
3. Adjust the Audio Bias Level Control (VR0502) for 40Vp-p +/- 1Vp-p.

## 4-4. LUMA/CHROMA SECTION IN Main.B

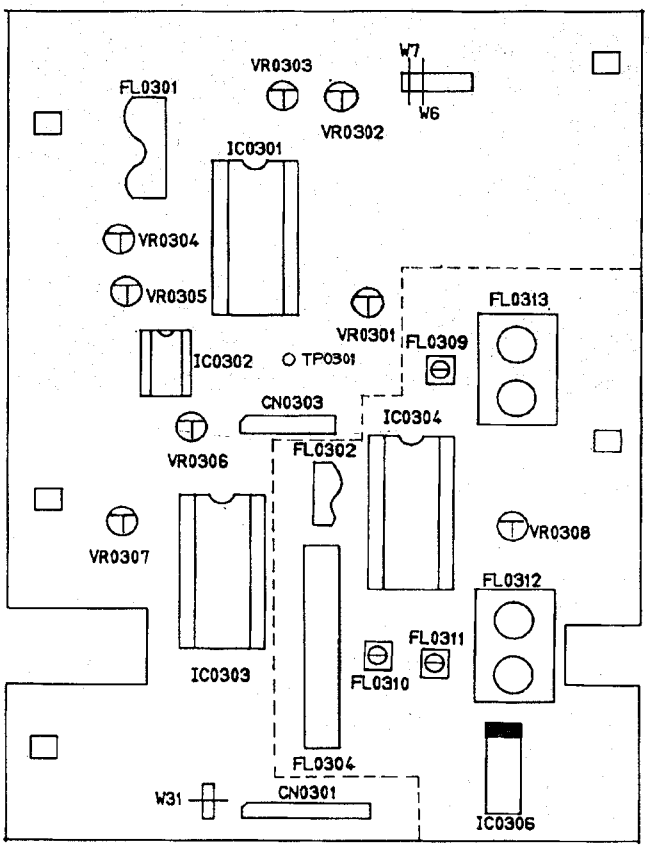



Fig7 ( : Secam Part)

### 4-4-1. PB Luminance(Y) Level Adjustment.

*Equipment* : Oscilloscope
*Test Point* : TP-W6 (Video Output Level) Main. B
*Adjust* : VR 0304 (PB Y Level Control) Main. B

This adjustment sets the output level of the video signal to the specified level.

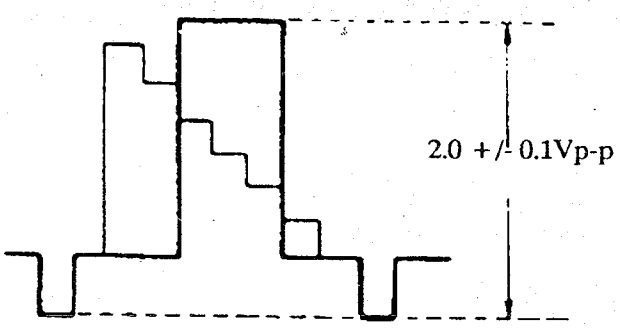



Fig.8

1.Connect a channel-1 scope probe (0.5V/div.; 10us/div.) to TP-W6.
2.Load the instrument with an alignment tape and playback the color bar signal. (Alignment Tape SR2-2)
3.Adjust the PB Luminance Level Control (VR0304) for 2.0 +/-0.1Vp-p.(Fig.8)

### 4-4-2. CCD IN (CLAMP) Level Adjustment

*Equipment* : Oscilloscope
*Test Point* : TP0302 (CCD Video Level) Main. B
*Adjust* : VR0305 (CCD Level Control) Main. B

This adjustment is for the compensation of the Drop out. When there is the Drop out, if the CCD output level is very low, the black trigger occurs.
If the level is very high, the white trigger occurs.

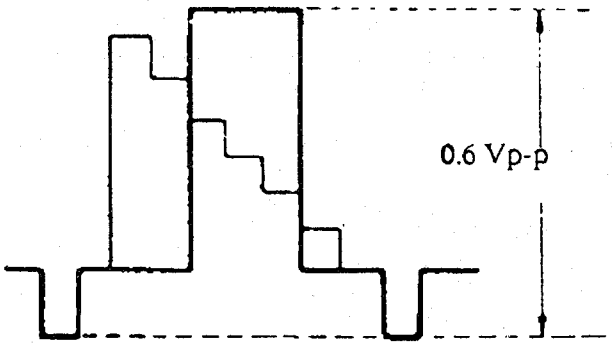



Fig.9

1.Connect a channel-1 scope probe(0.1V/div.) to TP0302.
2.Load the instrument with an alignment tape the playback the color bar signal. (Alignment Tape SR 2-2)
3.Adjust the CCD Level Control (VR0305) for 0.6Vp-p. (Fig.9)

### 4-4-3. Sub Carrier Freguency (4.43 MHz) Adjustment.

*Equipment* : Freguency Counter
*Test Point* : TP-W31 (VXO OUT) Main. B
*Adjust* : VR0307 (Sub Carrier Frequency) Main. B

This adjustment sets the 4.43MHz VXO oscillation frequency accurately.
When this adjustment is incomplete, 1H delay of the video signal is disabled and the S/N deteriorates.

1.Connect a frequency counter to TP-W31.
2.Load the instrument with an alignment tape (Alignment Tape SR2-2) and palyback.
3.Adjust the sub carrier frequency control (VR0307) so that the frequency reads 4.433619MHz +/- 10Hz.

### 4-4-4. FM Carrier & Deviation Adjustment

*Equipment* : Tracking Scope
*Test Point* : TP3201 (FM Output) Pre Amp
*Adjust* : VR0302 (FM Carrier) Main. A
VR0303(Deviation) Main. A

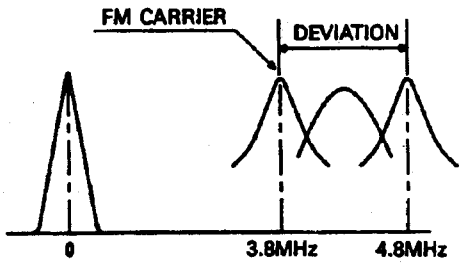



Fig.10

This adjustment sets the frequencies of the FM Carrier and deviation.If the deviation is less than 1MHz, the video output level is low. When the deviation is more than 1MHz, the output level is high and there is the overmodulation.So the screen has the white/dark trigger and the S/N ratio is not good.

1.Apply a 100% white signal to the video input jack on the rear panel.
2.Rocate the input selected S/W to AUX.
3.Connect a tracking scope to TP3201
4.Insert a blank tape and make a recording.
5.Adjust the FM Carrier Control (VR0302) so that the frequenscy is 3.8MHz +/- 0.1 MHz
6.And then adjust the deviation control (VR0303) so that the frequency is 4.8 MHz +/- 0.1 MHz for the 1MHz deviation (See Fig.10)

### 4-4-5. REC FM Current Level Adjustment

*Equipment* : Oscilloscope
*Test Point* : TP3201( FM output) Pre-Amp
*Adjust* : VR0306(REC FM Current ADJ) Main. A

1.Apply a PAL color bar signal to the video input jack on the rear panel.
2.Rocate the input selected S/W to AUX.
3.Connect a channel-1 scope probe(50mV/div.;5ms/div) to TP3201.
4.Insert a blank tape and make a recording.
5.Adjust the FM current control VR0306 so that the current is 150mVp-p.

### 4-4-6. PB ANTI BELL Adjustment (OPTION)

*Equipment* : Oscilloscope
*Test Point* : TP-W6 Main. B
*Adjust* : FL0311 Main. A

1.Load the instrument with an alignment tape and playback the color bar signal (Alignment tape SR2-3)
2.Connect a channel-1 scope probe to TP-W6 (0.5V/div,10used/div)
3.Adjust FL0311 so that magenta color level of color bar signal do not make a "Doubling Picture."

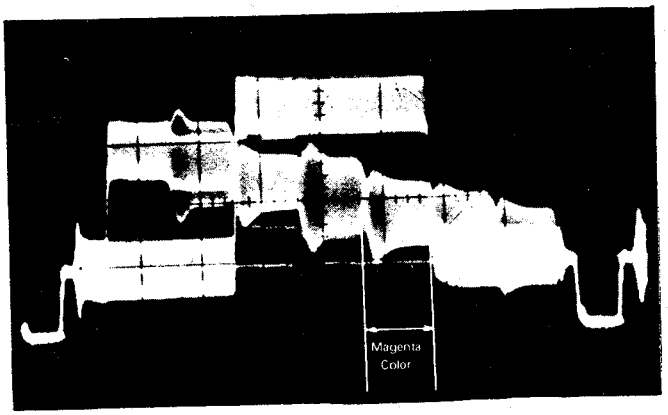



Fig.11 PB ANTI BELL Adjustment

### 4-4-7. PB BELL Adjustment (OPTION)

*Equipment* : Oscilloscope
*Test Point* : TP0303 Main. B
*Adjust* : FL0310 Main. B

1.Load the instrument with an alignment tape and playback the color bar signal (Alignment tape SR2-3)
2.Connect a channel-1 scope probe to TP0303 (0.5V/div,10usec/div)
3.Adjust the FL0310 so that the noise level of waveform is minimum see below figure.

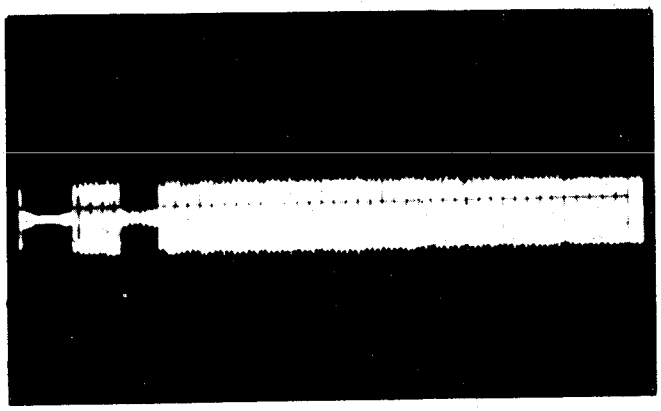


Fig .12 PB BELL Adjustment

### 4-4-8. REC BELL Adjustment (OPTION)

*Equipment* : Oscilloscope
*Test Point* : TP0303 Main. B
*Adjustment* : FL0309 Main. B

1.Apply a SECAM color bar signal to the video input jack on the rear panel.
2.Connect a channel-1 scope probe to TP0303 (0.5V/div.10usec/div).
3. Insert a blank tape and make a recording.
4. Adjust FL0309 so that CH-1and CH-2 of the magenta color level of fifth is same (Not doubling picture)

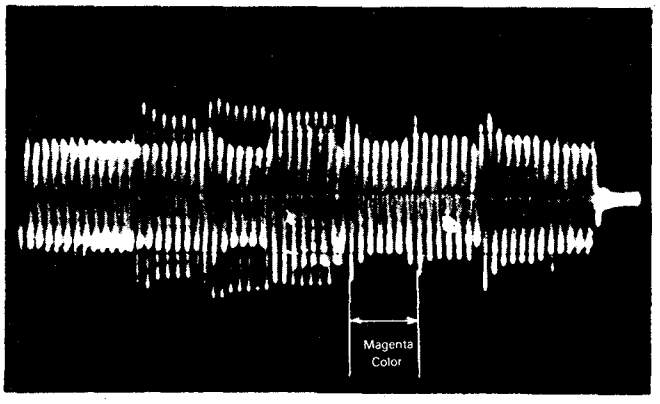



Fig. 13 REC BELL Adjustment

### 4-4-9. VIDEO SYNC Timing Adjustment

*Equipment* : Oscilloscope
*Test Point* : TP-W6 (VIDEO OUTPUT) Main.B
*Adjustment* : VR0308 Main B

1.Load the instrument wiht an alignment tape and playback the color bar signal (Alignment tape SR2-3)
2.Connect a channel-1 scope porbe to TP-W6 (0.5V/div,10usec/div)
3.Adjust the VR0308 so that the noise gate pulse position is 1.2 + 0.2 usec from the H-SYNC signal.

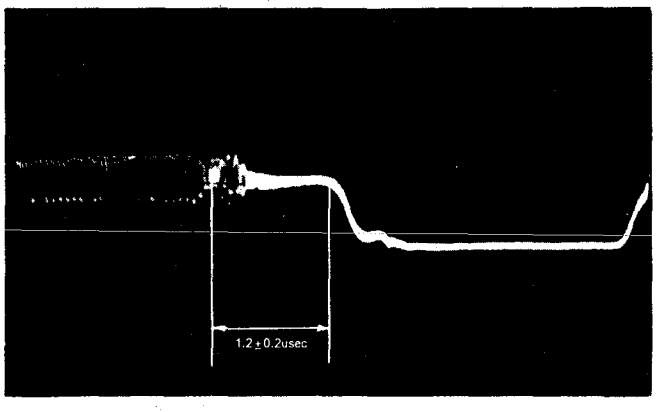



Fig. 14 Video SYNC Timing Adjustment

## 4-5. TUNER/DEMODULATOR SECTION IN MAIN A PCB.

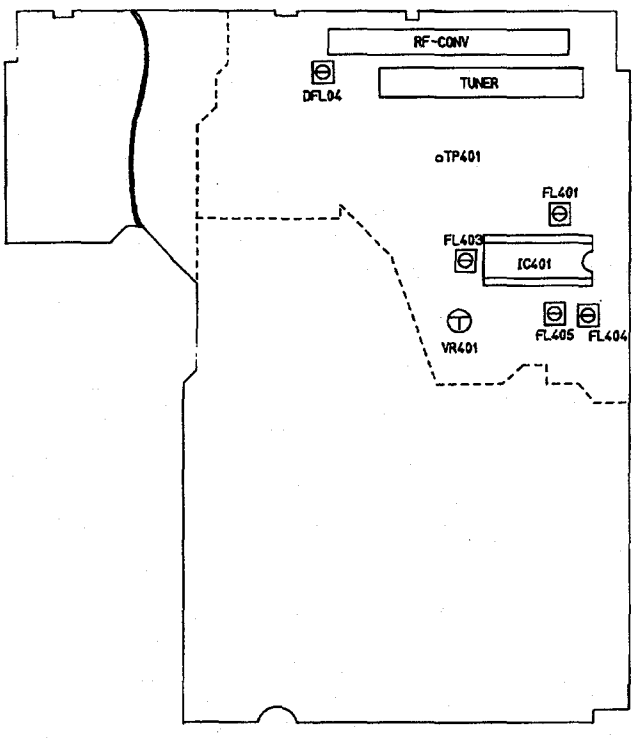



Fig. 15 TUNER DEMODULATOR SECTION in Main-A P.C.B. Component Side

### 4-5-1. TRAP Adjustment

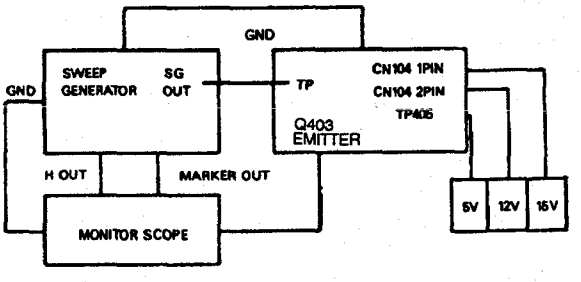



Fig. 16 Composition for TRAP Adjustment

Equipment : Sweep Generator
Test Point : Q403 emitter Main.A
Adjustment : FL407,FL408 Main.A

1Place the instrument in the E-E mode.
2.Remove a connector CN101 and connect a DC bias supply of 15V to the pin1 of a connector CN104 on the Main-A PCB.
3.Connect the Sweep Generator output to tuner TP within the tuner unit.(Fig16)
4.Connec a jig input to the emitter of Q403.
5.Adjust the trap (FL407,408) in the Tuner unit shown in Fig17.

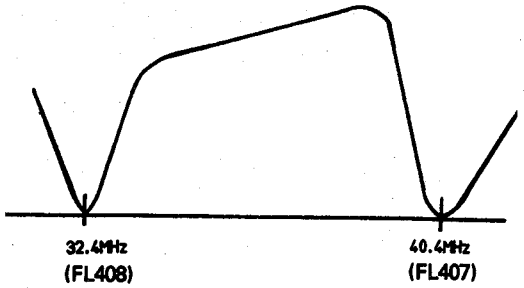



Fig. 17 Trap Adjustment.

**4-5-2. VIF Adjustment**

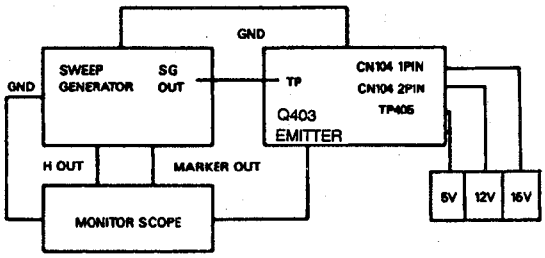



Fig.18 Composition for VIF Adjustment

*Equipment* : Sweep Generator, Monitorscope
*Test Point* : Q403 Emitter(Video output) Main.A
*Adjust* : FL405(VIF-DET TANK) Main.A

This adjustment makes the sync detecting reference signal tuning circuit of the picture-IF circuit resonate with 38.9MHz and suppresses mixture of the sound-IF signal.

1.Place the instrument in the E-E mode.
2.Remove a connector CN101 and connect a DC bias supply of 15V,12V to the pin 1,2 of a connector CN104 on the Main. A PCB.
3.Connect a DC bias supply of 5V to TP405.
4.Connect the Sweep Generator Output to tuner TP within the Tuner unit. (FIG.18 )
5.Connect a Monitor Scope input to Q403 emitter.
6.Connect a 100 damping resistor between the pin 16 of IC401and pin17.
7.Adjust the Core (FL410) in the Tuner section shown in Fig.19
8.Remove a 100 damping resistor.
9.Adjust the VIF Control (FL405) for maximum detec tion of C ( table 1) maker. (FIG.20)

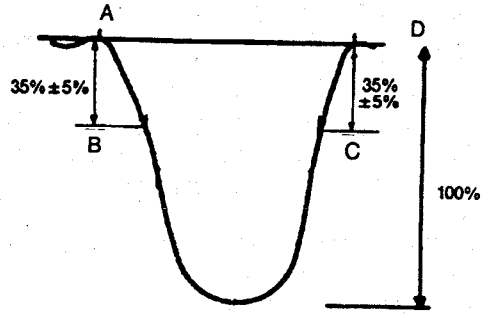



Fig.19 (Refer to table 1)

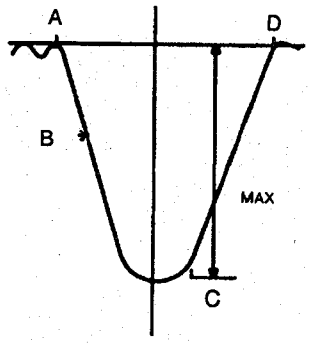



Fig. 20 VIF Maximum Detection(Refer to table 1)

**4-5-3. AFT Adjustment**

*Equipment* : Sweep generator, Monitorscope
*Test point* : TP402 (AFT Output) Main. A
*Adjustment* : FL404 Main. A

1. After adjustment of VIF, connect the monitorscope input to TP402.
2. Adjust the AFT(FL404) in the Tuner unit shown in Fig21.

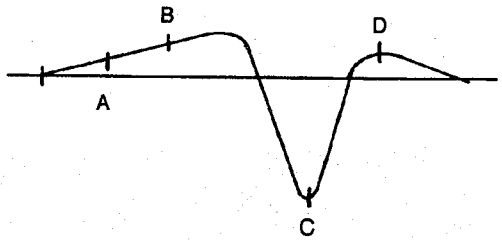



Fig. 21 AFT Adjustment(Refer to table 1)

(MHz)

| Country or TV Broadcasting System | A | B | C | D |
|---|---|---|---|---|
| Continental Europe and East/Middle Asia | 33.4 | 34.47 | 38.9 | 40.4 |
| PAL-I | 33.5 | 35.05 | 39.5 | 41.5 |
| Australia | 31.3 | 32.44 | 36.8 | 38.3 |
| Newzealand | 32.4 | 34.47 | 38.9 | 40.4 |
| China | 31.5 | 33.57 | 38.0 | 39.5 |
| OIRT | 32.4 | 34.47 | 38.9 | 40.4 |

* Table 1 : Adjusting Frequency

**4-5-4. SIF Adjustment**

*Equipment* : Oscilloscope
*Test Point* : TP-W4 (Audio Output) Main. B
*Adjust* : FL403 Main. A

This adjustment subpresses the audio distortion and optimizes the linearity response of audio. Misadjustment of the SIF may cause the audio buzz by the increasing of the THD (Total Harmonic Distortion).

1. Apply a 1KHz audio signal to the RF input terminal on the rear panel.
2. Connect a channel-1 scope probe (0.2V/div) to TP-W4
3. Adjust the SIF Control (FL403)for 1.5Vp-p.

### 4-5-5. RF AGC Adjustment

*Equipment* : TV Channel Signal Generator
Oscilloscope or DC Voltmeter
*Test Point* : TP401 (Tuner RF AGC Input) Main. A
*Adjust* : VR401 (RF AGC Control) Main. A

This adjustment determines the point where the AGC is activated.

1. Apply a PAL color bar signal to the Video Input Terminal of the TV Channel Signal Generator. (Fig 22)
2. Set the channel Selector to A.
3. Apply the Output of the Generator to the RF IN Terminal on the rear panel. Using the attenuator, adjust the point signal level for 70dBu measured at the RF IN Terminator. (Fig. 22)
4. Connect a channel-1 scope probe (1V/div.) to TP401.
5. Turn the VCR power on and select TV Mode with SW715.
6. Set the channel on the front panel to A(Refer to table2 )
7. Adjust the RF AGC Control (VR401) for B.(Refer to table 2)
8. Aftern adjusting the point level of the RF IN terminal for 60dBu, check the condition of screen. If there is some noise, adjust VR401 so that the noise disappears.
9. And adjust the input levelof the RF IN Terminal for 100dBu, then check the condition of screen. If there are some Saturations (unstable picture or color, etc), adjust VR401 again so that the saturation phenominon disappear.

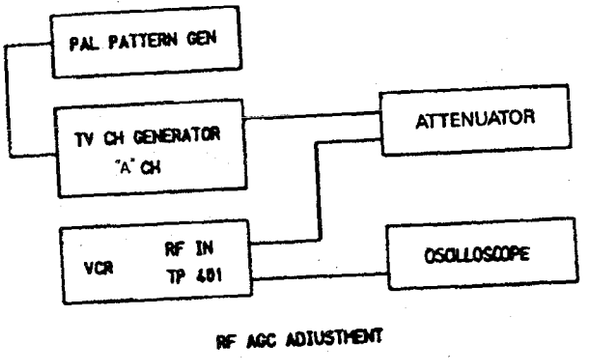



Fig. 22 RF AGC Adjustment

| Application model | A(Channel & Freq.) | B (Voltage) |
|---|---|---|
| VK-8220 | 2 CH (48.25 MHz) | 4.7 +/-0.1V |
| VX-8220/8225 | 2CH (48.25 MHz) | 4.7 +/-0.1V |
| VB-8220A | 1CH (57.25 MHz) | 4.7 +/-0.1V |
| VI-8220 | 21CH (471.25 MHz) | 5.0 +/-0.1V |

*.Table 2

### *. DUAL SOUND Adjustment(OPTION)

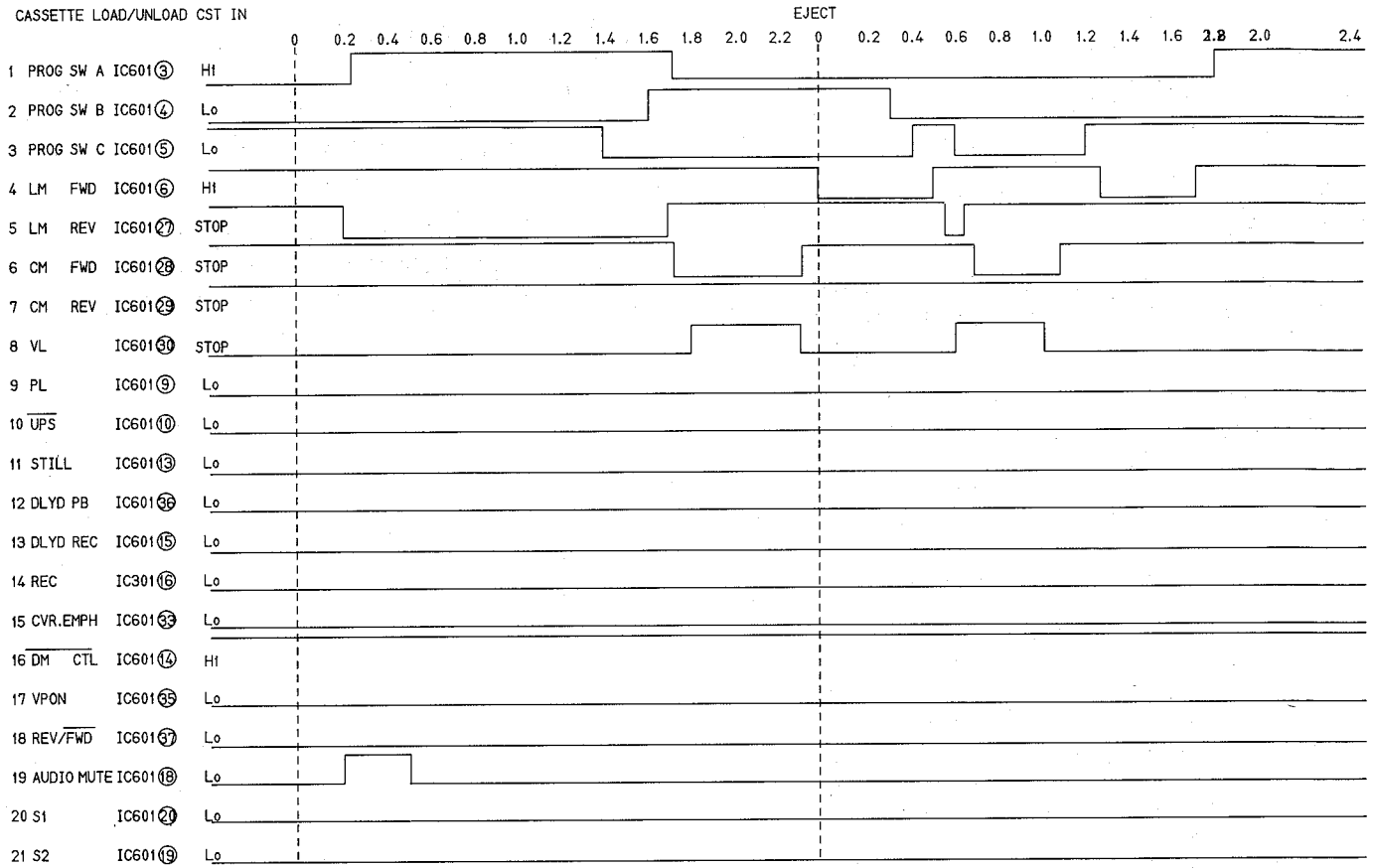
Equipment: Frequency Counter
Test Point : DTP01
Adjust : DFL04

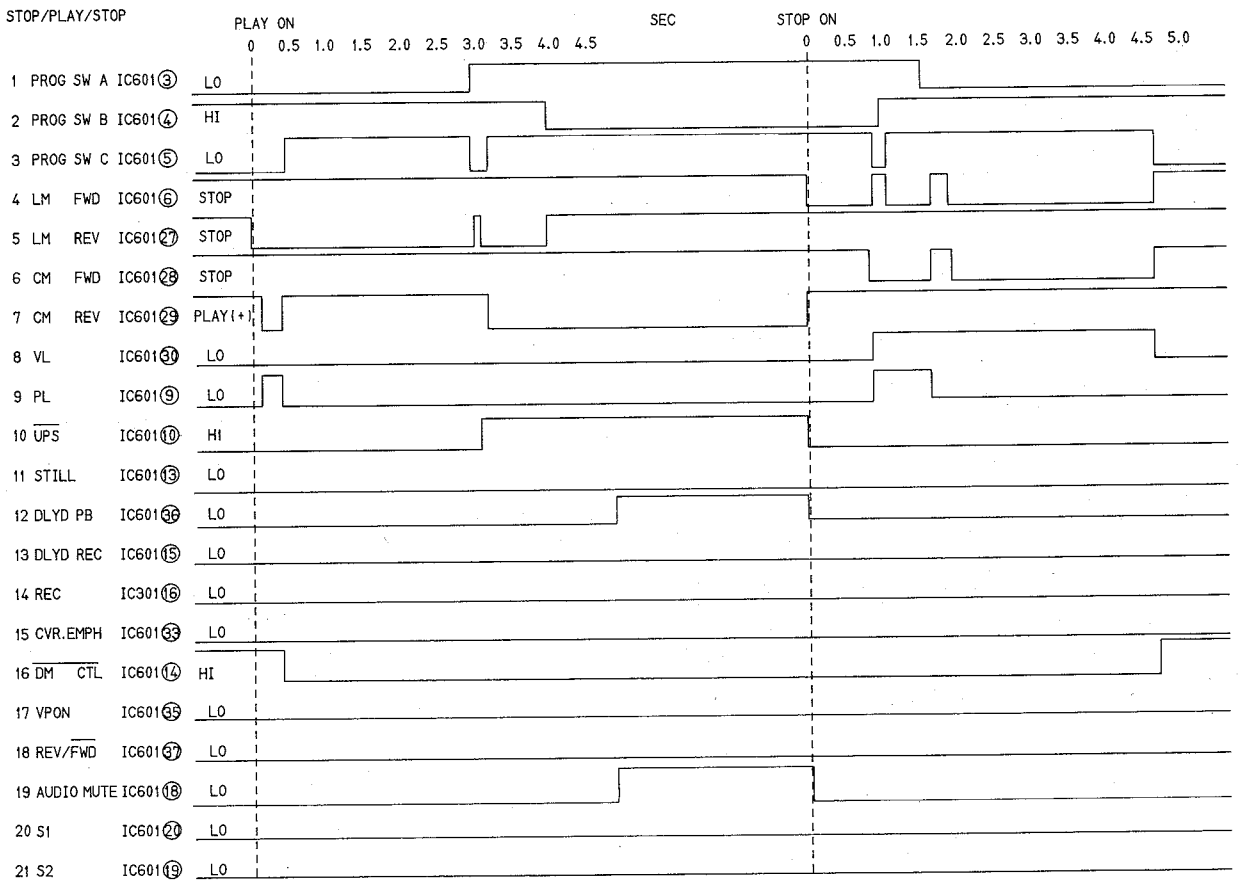
This is the adjustment to mix1MHz carrier wiht sound carrier of PAL I and D/K.

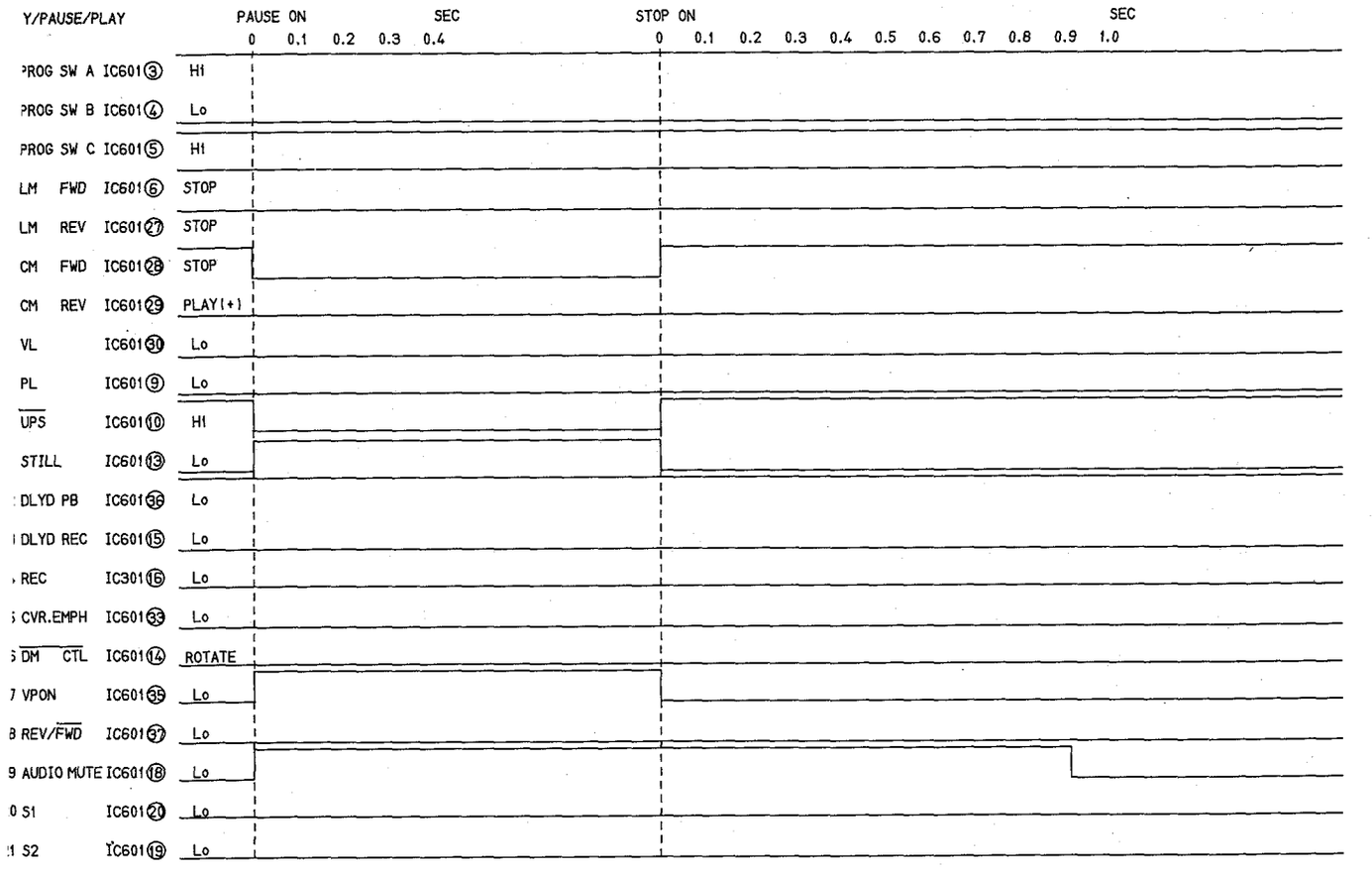
1. Connect the RF signal to the RF jack.
2. Connect a frequency counter with DTP01.
3. Adjust the DFL04 for frequency counter to be 1.0 +/- 0.5 MHz.

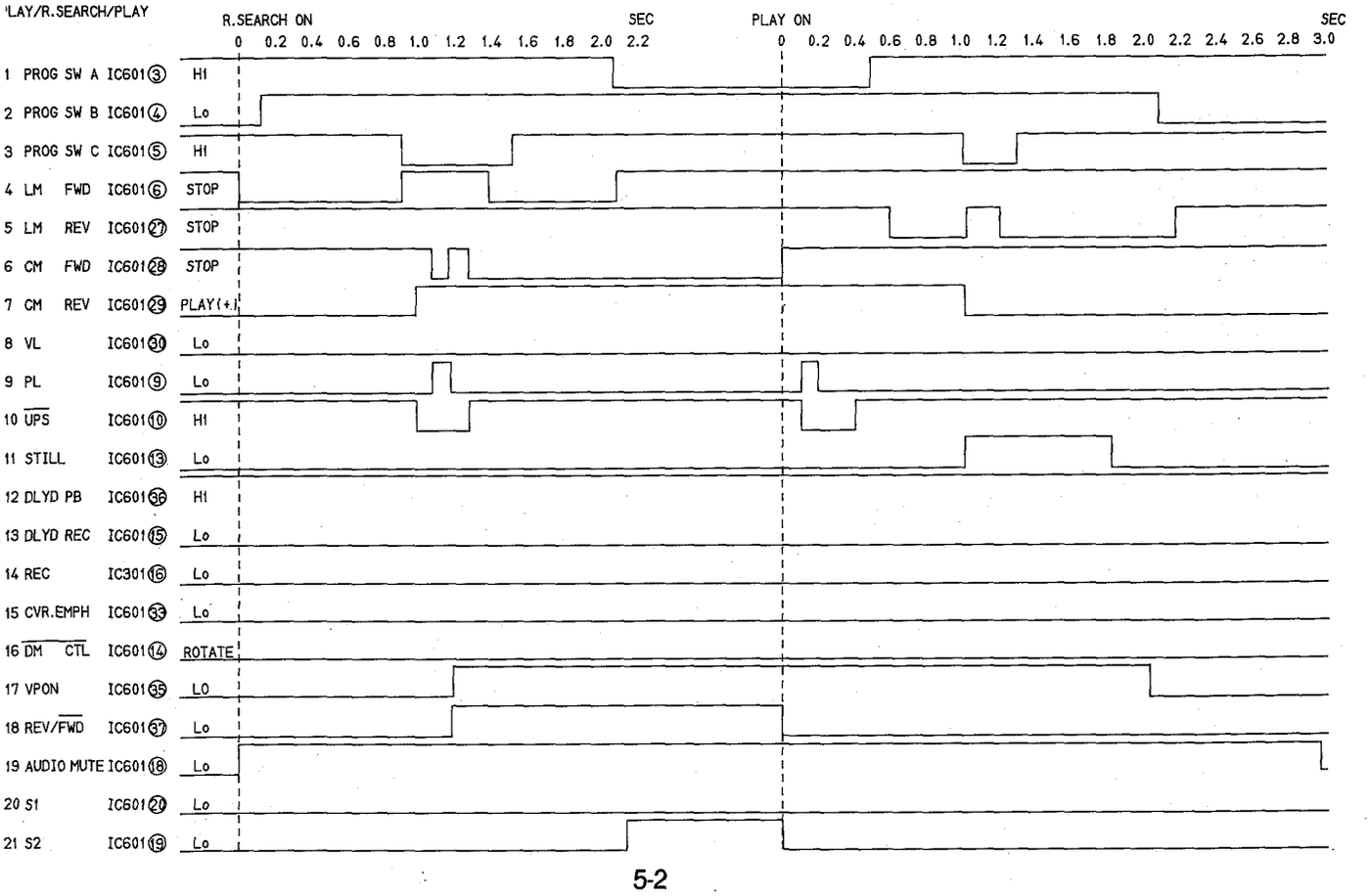
# 5. TIMING CHART / TROUBLESHOOTING GUIDER

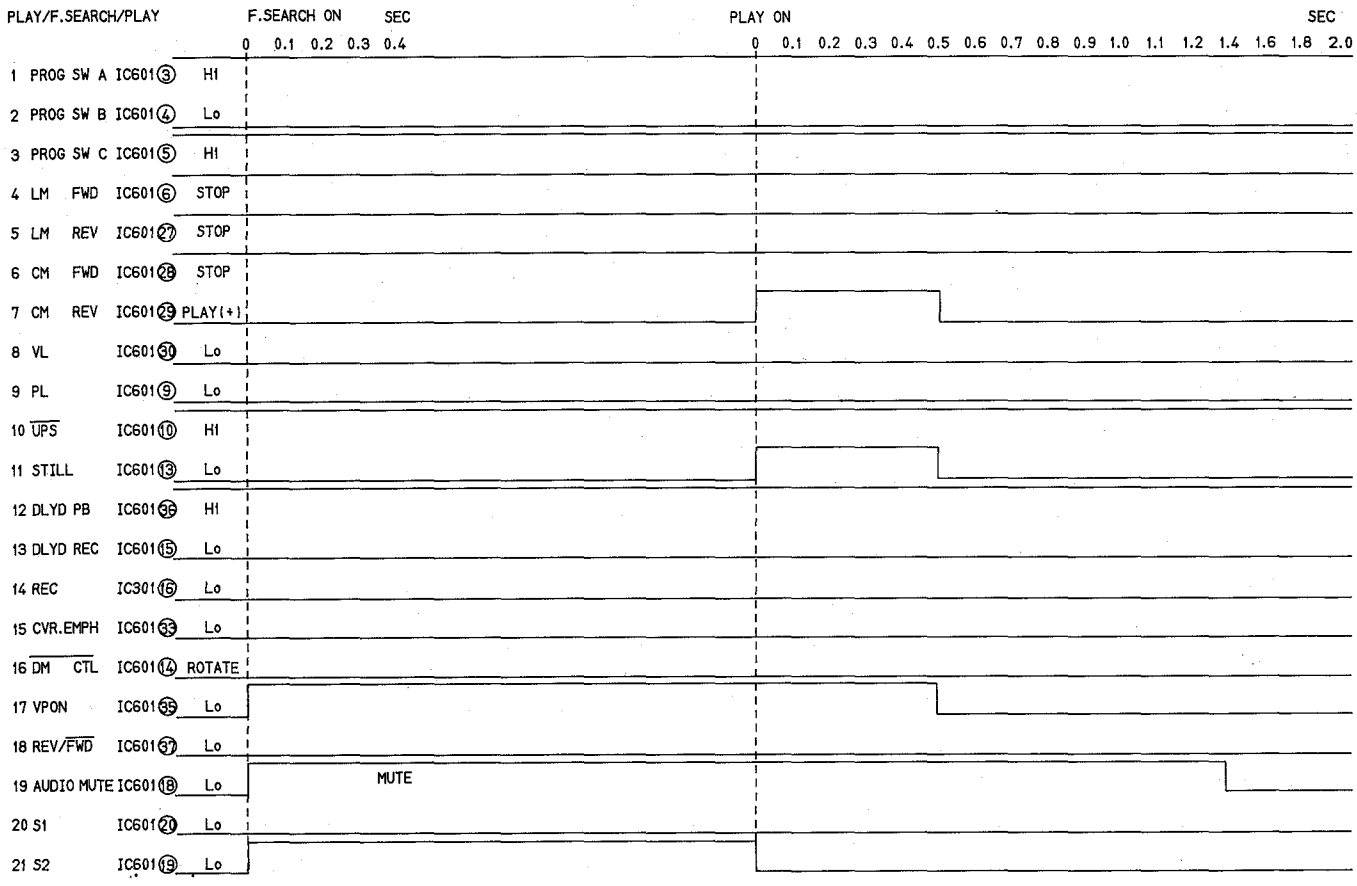
## 5-1. Timing Chart

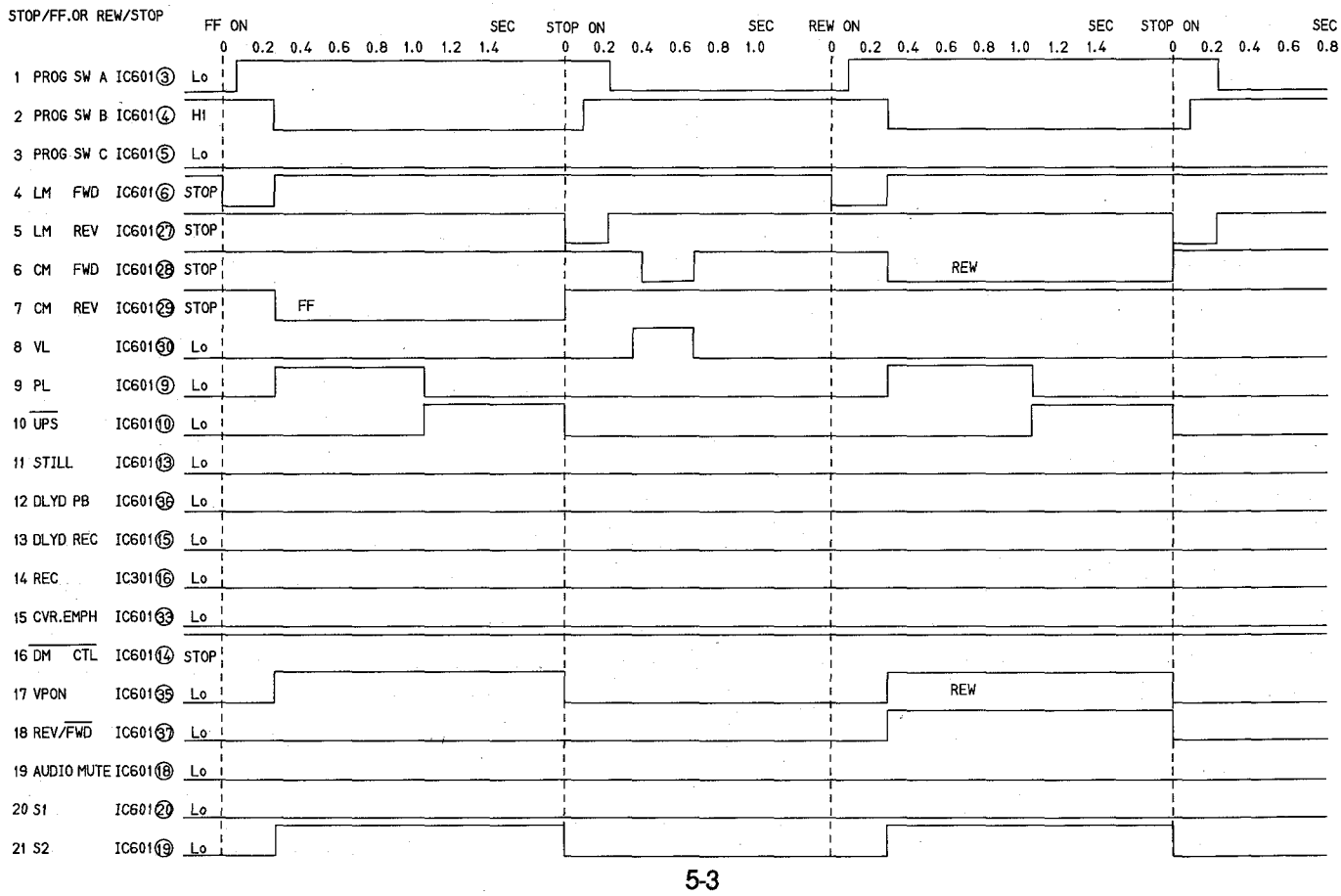

CASSETTE LOAD/UNLOAD CST IN
EJECT
0 0.2 0.4 0.6 0.8 1.0 1.2 1.4 1.6 1.8 2.0 2.2 0 0.2 0.4 0.6 0.8 1.0 1.2 1.4 1.6 1.8 2.0 2.4
1 PROG SW A IC601③ HI
2 PROG SW B IC601④ Lo
3 PROG SW C IC601⑤ Lo
4 LM FWD IC601⑥ HI
5 LM REV IC601㉗ STOP
6 CM FWD IC601㉘ STOP
7 CM REV IC601㉙ STOP
8 VL IC601㉚ STOP
9 PL IC601⑨ Lo
10 UPS IC601⑩ Lo
11 STILL IC601⑬ Lo
12 DLYD PB IC601㊱ Lo
13 DLYD REC IC601⑮ Lo
14 REC IC301⑯ Lo
15 CVR.EMPH IC601㉝ Lo
16 DM CTL IC601⑭ HI
17 VPON IC601㉟ Lo
18 REV/FWD IC601㊲ Lo
19 AUDIO MUTE IC601⑱ Lo
20 S1 IC601⑳ Lo
21 S2 IC601⑲ Lo

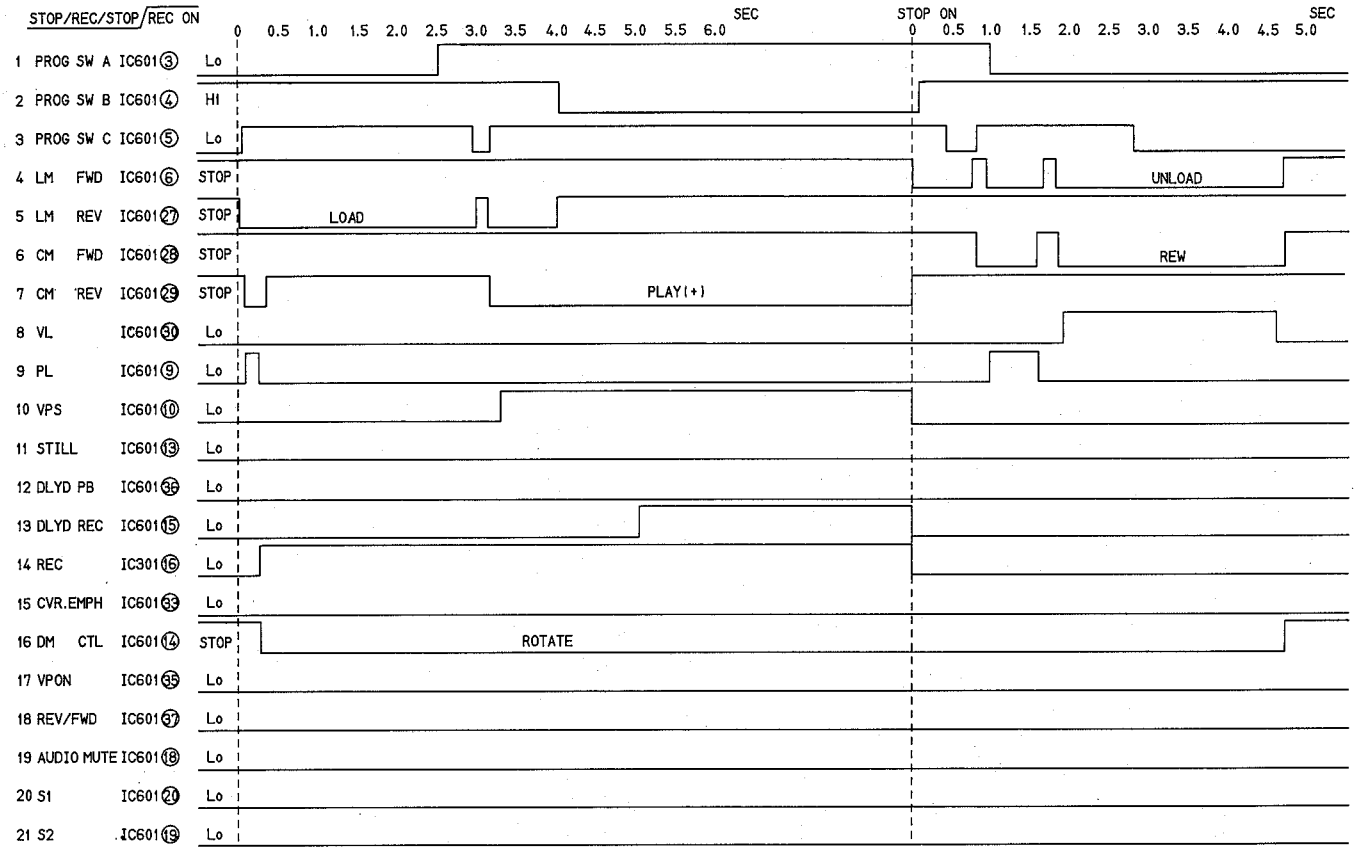

STOP/PLAY/STOP
PLAY ON
SEC
STOP ON
0 0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0 4.5
0 0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0 4.5 5.0
1 PROG SW A IC601③ LO
2 PROG SW B IC601④ HI
3 PROG SW C IC601⑤ LO
4 LM FWD IC601⑥ STOP
5 LM REV IC601㉗ STOP
6 CM FWD IC601㉘ STOP
7 CM REV IC601㉙ PLAY(+)
8 VL IC601㉚ LO
9 PL IC601⑨ LO
10 UPS IC601⑩ HI
11 STILL IC601⑬ LO
12 DLYD PB IC601㊱ LO
13 DLYD REC IC601⑮ LO
14 REC IC301⑯ LO
15 CVR.EMPH IC601㉝ LO
16 DM CTL IC601⑭ HI
17 VPON IC601㉟ LO
18 REV/FWD IC601㊲ LO
19 AUDIO MUTE IC601⑱ LO
20 S1 IC601⑳ LO
21 S2 IC601⑲ LO

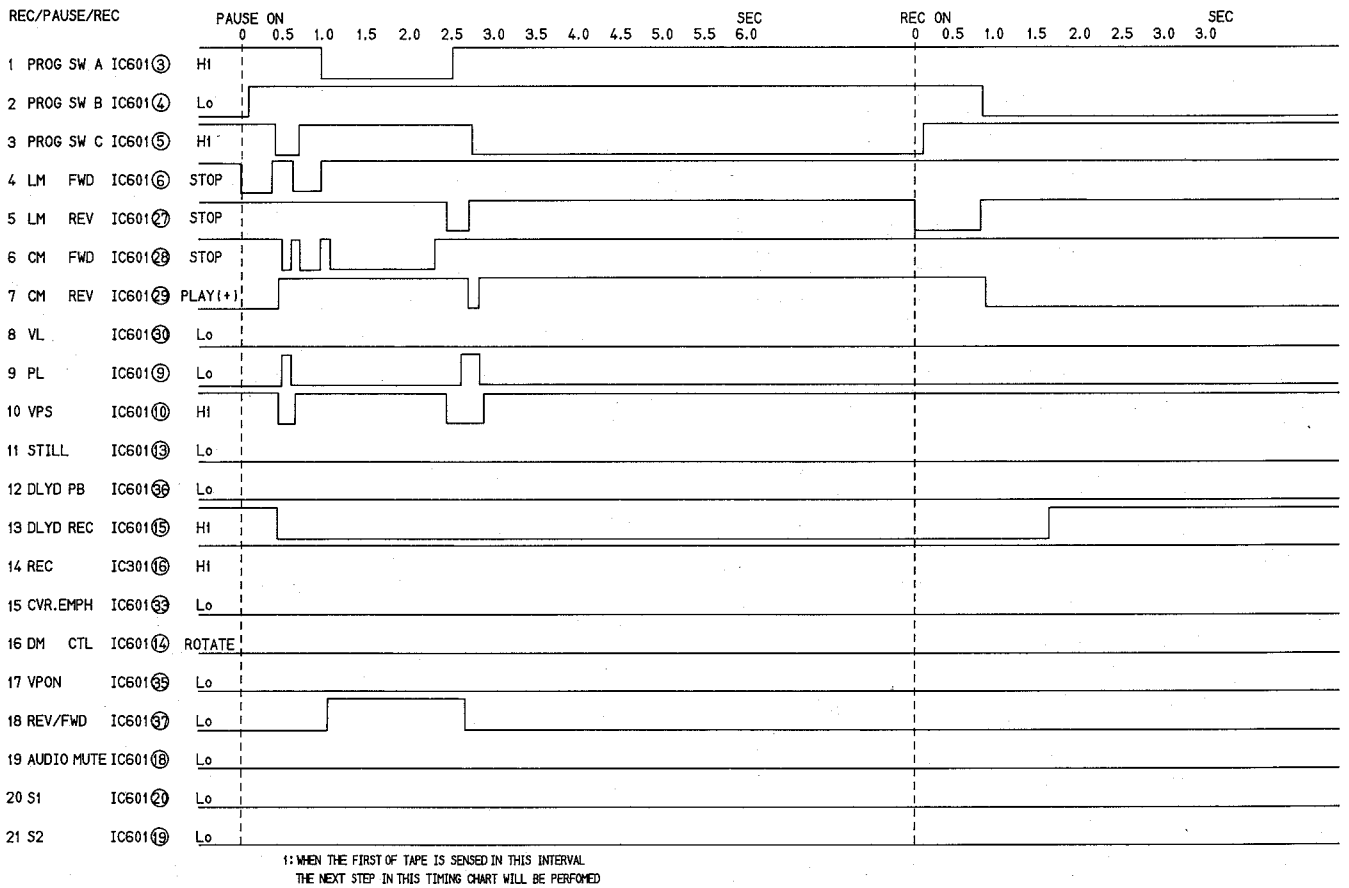

Y/PAUSE/PLAY
PAUSE ON
SEC
STOP ON
SEC
0 0.1 0.2 0.3 0.4
0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1.0
ROG SW A IC601③ Hi
ROG SW B IC601④ Lo
ROG SW C IC601⑤ Hi
LM FWD IC601⑥ STOP
LM REV IC601㉗ STOP
CM FWD IC601㉘ STOP
CM REV IC601㉙ PLAY(+)
VL IC601㉚ Lo
PL IC601⑨ Lo
UPS IC601⑩ Hi
STILL IC601⑬ Lo
DLYD PB IC601㊱ Lo
DLYD REC IC601⑮ Lo
REC IC301⑯ Lo
CVR.EMPH IC601㉝ Lo
DM CTL IC601⑭ ROTATE
VPON IC601㉟ Lo
REV/FWD IC601㊲ Lo
AUDIO MUTE IC601⑱ Lo
S1 IC601⑳ Lo
S2 IC601⑲ Lo


LAY/R.SEARCH/PLAY
R.SEARCH ON
SEC
PLAY ON
SEC
0 0.2 0.4 0.6 0.8 1.0 1.2 1.4 1.6 1.8 2.0 2.2
0 0.2 0.4 0.6 0.8 1.0 1.2 1.4 1.6 1.8 2.0 2.2 2.4 2.6 2.8 3.0
1 PROG SW A IC601③ Hi
2 PROG SW B IC601④ Lo
3 PROG SW C IC601⑤ Hi
4 LM FWD IC601⑥ STOP
5 LM REV IC601㉗ STOP
6 CM FWD IC601㉘ STOP
7 CM REV IC601㉙ PLAY(+)
8 VL IC601㉚ Lo
9 PL IC601⑨ Lo
10 UPS IC601⑩ Hi
11 STILL IC601⑬ Lo
12 DLYD PB IC601㊱ Hi
13 DLYD REC IC601⑮ Lo
14 REC IC301⑯ Lo
15 CVR.EMPH IC601㉝ Lo
16 DM CTL IC601⑭ ROTATE
17 VPON IC601㉟ LO
18 REV/FWD IC601㊲ Lo
19 AUDIO MUTE IC601⑱ Lo
20 S1 IC601⑳ Lo
21 S2 IC601⑲ Lo


PLAY/F.SEARCH/PLAY
F.SEARCH ON
SEC
PLAY ON
SEC
0 0.1 0.2 0.3 0.4
0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1.0 1.1 1.2 1.4 1.6 1.8 2.0
1 PROG SW A IC601③ HI
2 PROG SW B IC601④ Lo
3 PROG SW C IC601⑤ HI
4 LM FWD IC601⑥ STOP
5 LM REV IC601㉗ STOP
6 CM FWD IC601㉘ STOP
7 CM REV IC601㉙ PLAY(+)
8 VL IC601㉚ Lo
9 PL IC601⑨ Lo
10 UPS IC601⑩ HI
11 STILL IC601⑬ Lo
12 DLYD PB IC601㊱ HI
13 DLYD REC IC601⑮ Lo
14 REC IC301⑯ Lo
15 CVR.EMPH IC601㉝ Lo
16 DM CTL IC601⑭ ROTATE
17 VPON IC601㉟ Lo
18 REV/FWD IC601㊲ Lo
19 AUDIO MUTE IC601⑱ Lo
MUTE
20 S1 IC601⑳ Lo
21 S2 IC601⑲ Lo


STOP/FF.OR REW/STOP
FF ON
SEC
STOP ON
SEC
REW ON
SEC
STOP ON
SEC
0 0.2 0.4 0.6 0.8 1.0 1.2 1.4
0 0.2 0.4 0.6 0.8 1.0
0 0.2 0.4 0.6 0.8 1.0 1.2 1.4
0 0.2 0.4 0.6 0.8
1 PROG SW A IC601③ Lo
2 PROG SW B IC601④ HI
3 PROG SW C IC601⑤ Lo
4 LM FWD IC601⑥ STOP
5 LM REV IC601㉗ STOP
6 CM FWD IC601㉘ STOP
REW
7 CM REV IC601㉙ STOP
FF
8 VL IC601㉚ Lo
9 PL IC601⑨ Lo
10 UPS IC601⑩ Lo
11 STILL IC601⑬ Lo
12 DLYD PB IC601㊱ Lo
13 DLYD REC IC601⑮ Lo
14 REC IC301⑯ Lo
15 CVR.EMPH IC601㉝ Lo
16 DM CTL IC601⑭ STOP
17 VPON IC601㉟ Lo
REW
18 REV/FWD IC601㊲ Lo
19 AUDIO MUTE IC601⑱ Lo
20 S1 IC601⑳ Lo
21 S2 IC601⑲ Lo

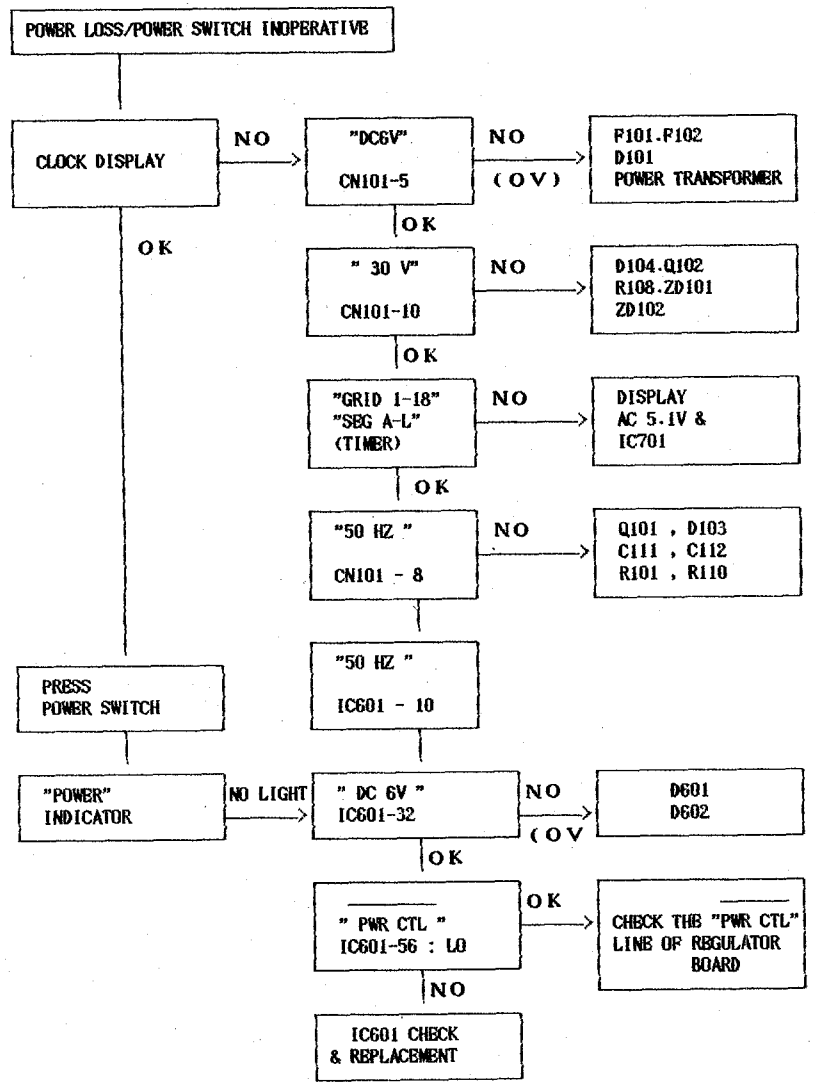

STOP/REC/STOP/REC ON
0 0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0 4.5 5.0 5.5 6.0 SEC
STOP ON
0 0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0 4.5 5.0 SEC
1 PROG SW A IC601③ Lo
2 PROG SW B IC601④ HI
3 PROG SW C IC601⑤ Lo
4 LM FWD IC601⑥ STOP
5 LM REV IC601㉗ STOP
6 CM FWD IC601㉘ STOP
7 CM REV IC601㉙ STOP
8 VL IC601㉚ Lo
9 PL IC601⑨ Lo
10 VPS IC601⑩ Lo
11 STILL IC601⑬ Lo
12 DLYD PB IC601㊱ Lo
13 DLYD REC IC601⑮ Lo
14 REC IC301⑯ Lo
15 CVR.EMPH IC601㉝ Lo
16 DM CTL IC601⑭ STOP
17 VPON IC601㉟ Lo
18 REV/FWD IC601㊲ Lo
19 AUDIO MUTE IC601⑱ Lo
20 S1 IC601⑳ Lo
21 S2 IC601⑲ Lo
LOAD
PLAY(+)
ROTATE
UNLOAD
REW


REC/PAUSE/REC
PAUSE ON
0 0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0 4.5 5.0 5.5 6.0 SEC
REC ON
0 0.5 1.0 1.5 2.0 2.5 3.0 3.0 SEC
1 PROG SW A IC601③ HI
2 PROG SW B IC601④ Lo
3 PROG SW C IC601⑤ HI
4 LM FWD IC601⑥ STOP
5 LM REV IC601㉗ STOP
6 CM FWD IC601㉘ STOP
7 CM REV IC601㉙ PLAY(+)
8 VL IC601㉚ Lo
9 PL IC601⑨ Lo
10 VPS IC601⑩ HI
11 STILL IC601⑬ Lo
12 DLYD PB IC601㊱ Lo
13 DLYD REC IC601⑮ HI
14 REC IC301⑯ HI
15 CVR.EMPH IC601㉝ Lo
16 DM CTL IC601⑭ ROTATE
17 VPON IC601㉟ Lo
18 REV/FWD IC601㊲ Lo
19 AUDIO MUTE IC601⑱ Lo
20 S1 IC601⑳ Lo
21 S2 IC601⑲ Lo

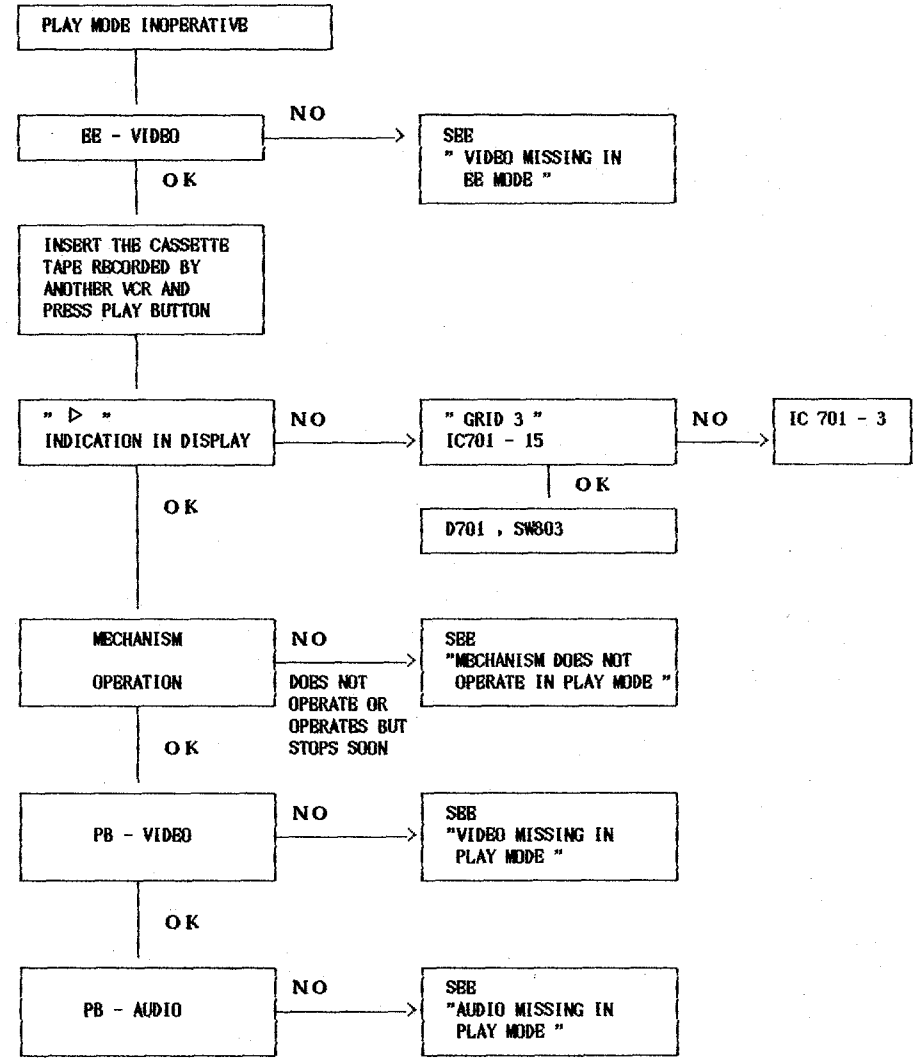
1: WHEN THE FIRST OF TAPE IS SENSED IN THIS INTERVAL
THE NEXT STEP IN THIS TIMING CHART WILL BE PERFOMED

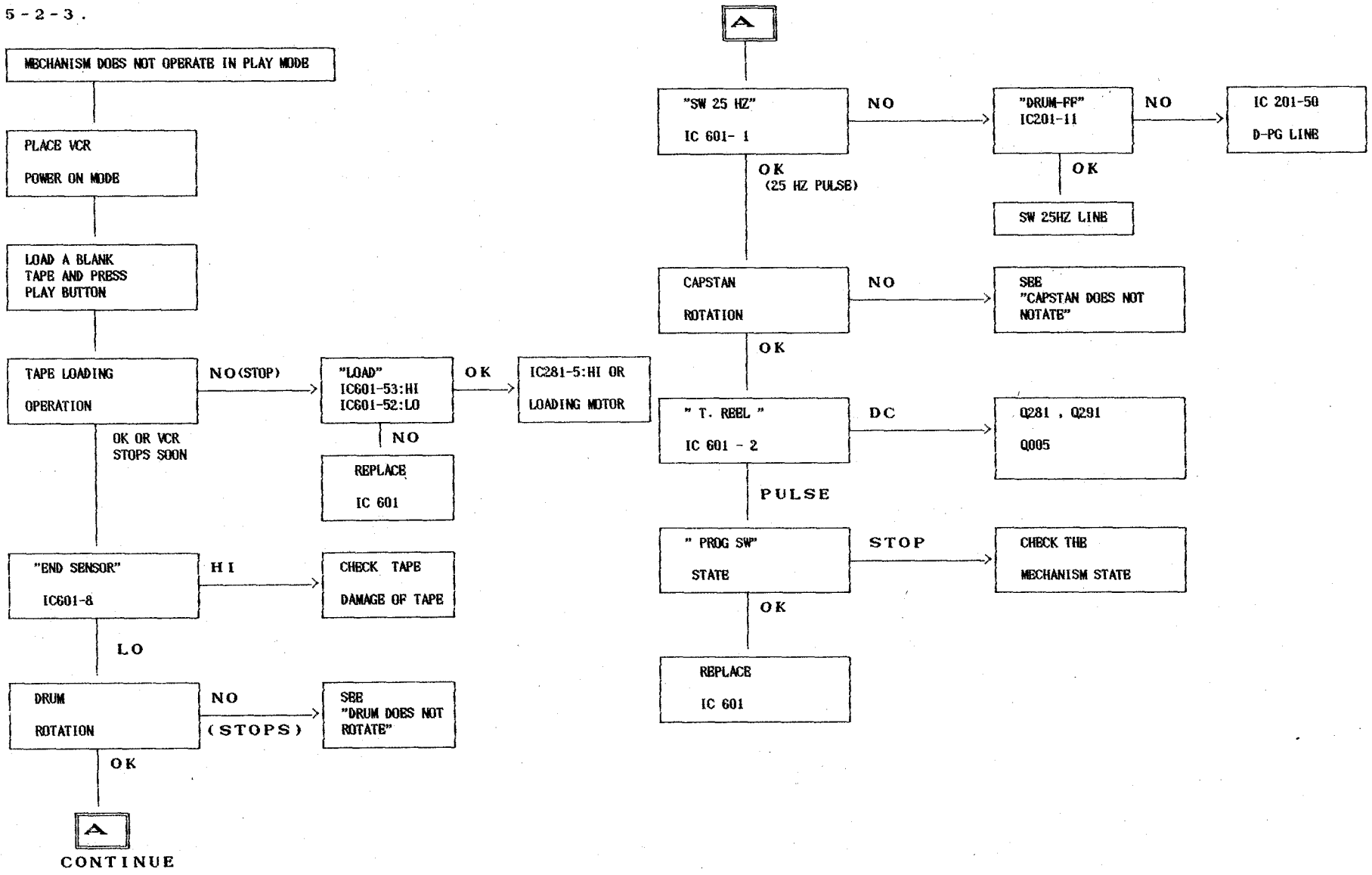
## 5-2. Troubleshooting Guides

### 5-2-1.

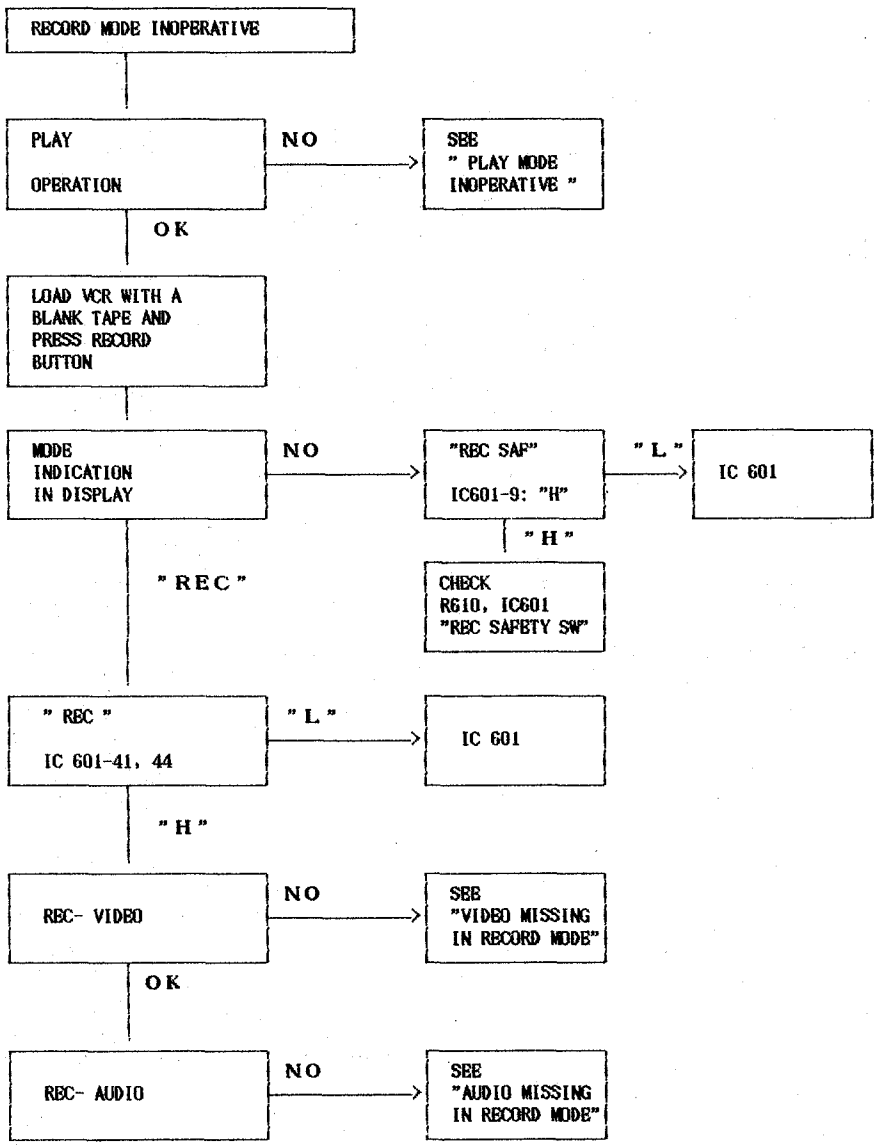



### 5-2-2.

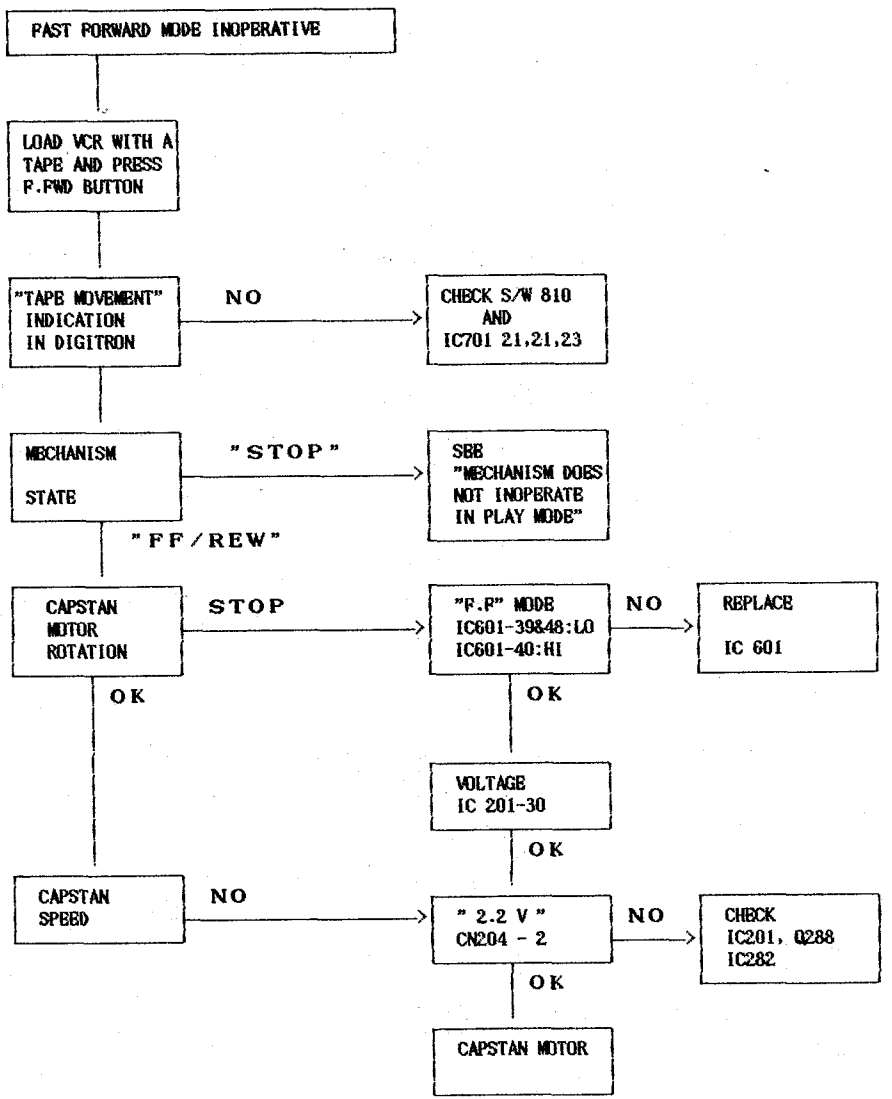



MECHANISM DOES NOT OPERATE IN PLAY MODE
PLACE VCR
POWER ON MODE
LOAD A BLANK TAPE AND PRESS PLAY BUTTON
TAPE LOADING
OPERATION
NO(STOP)
"LOAD"
IC601-53:HI
IC601-52:LO
OK
IC281-5:HI OR
LOADING MOTOR
NO
REPLACE
IC 601
OK OR VCR STOPS SOON
"END SENSOR"
IC601-8
HI
CHECK TAPE
DAMAGE OF TAPE
LO
DRUM
ROTATION
NO
(STOPS)
SEE "DRUM DOES NOT ROTATE"
OK
A
CONTINUE
A
"SW 25 HZ"
IC 601- 1
NO
"DRUM-FF"
IC201-11
NO
IC 201-50
D-PG LINE
OK
(25 HZ PULSE)
OK
SW 25HZ LINE
CAPSTAN
ROTATION
NO
SEE "CAPSTAN DOES NOT NOTATE"
OK
" T. REEL "
IC 601 - 2
DC
Q281 , Q291
Q005
PULSE
" PROG SW"
STATE
STOP
CHECK THE
MECHANISM STATE
OK
REPLACE
IC 601

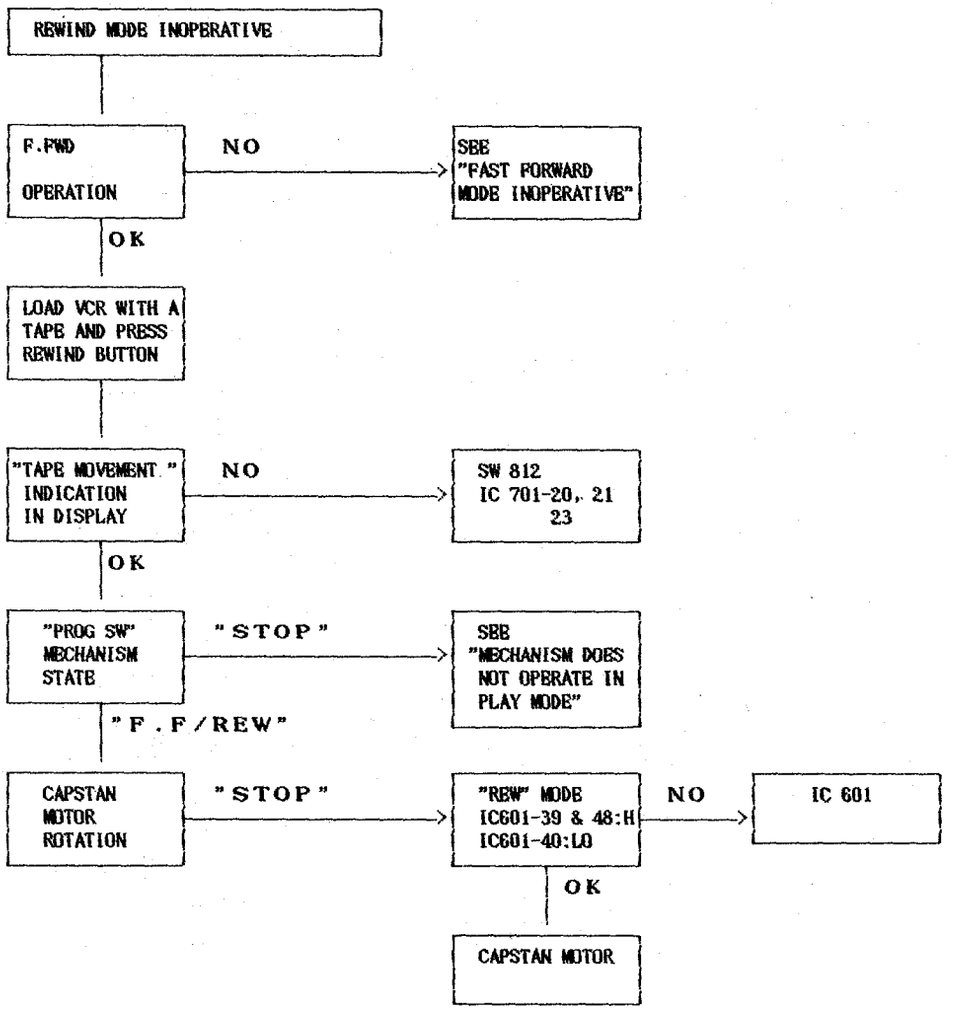
5-2-4.


RECORD MODE INOPERATIVE
PLAY
OPERATION
NO
SEE
" PLAY MODE
INOPERATIVE "
OK
LOAD VCR WITH A
BLANK TAPE AND
PRESS RECORD
BUTTON
MODE
INDICATION
IN DISPLAY
NO
"REC SAF"
IC601-9: "H"
"L"
IC 601
"H"
CHECK
R610, IC601
"REC SAFETY SW"
"REC"
" REC "
IC 601-41, 44
"L"
IC 601
"H"
REC- VIDEO
NO
SEE
"VIDEO MISSING
IN RECORD MODE"
OK
REC- AUDIO
NO
SEE
"AUDIO MISSING
IN RECORD MODE"

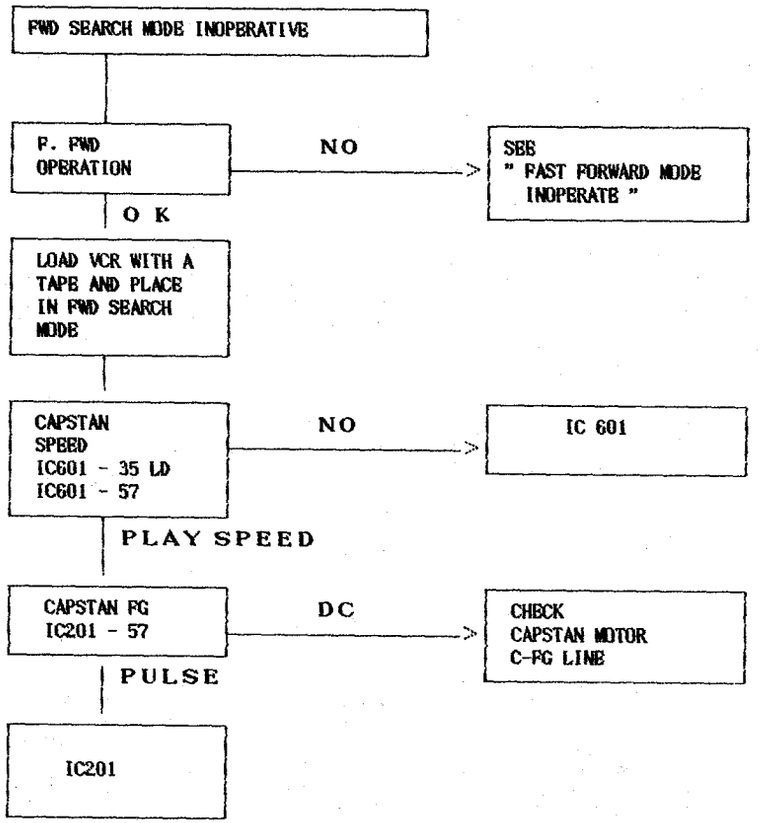
5-2-5


PAST FORWARD MODE INOPERATIVE
LOAD VCR WITH A
TAPE AND PRESS
F.FWD BUTTON
"TAPE MOVEMENT"
INDICATION
IN DIGITRON
NO
CHECK S/W 810
AND
IC701 21,21,23
MECHANISM
STATE
"STOP"
SEE
"MECHANISM DOES
NOT INOPERATE
IN PLAY MODE"
"FF/REW"
CAPSTAN
MOTOR
ROTATION
STOP
"F.F" MODE
IC601-39&48:LO
IC601-40:HI
NO
REPLACE
IC 601
OK
OK
VOLTAGE
IC 201-30
OK
CAPSTAN
SPEED
NO
" 2.2 V "
CN204 - 2
NO
CHECK
IC201, Q288
IC282
OK
CAPSTAN MOTOR

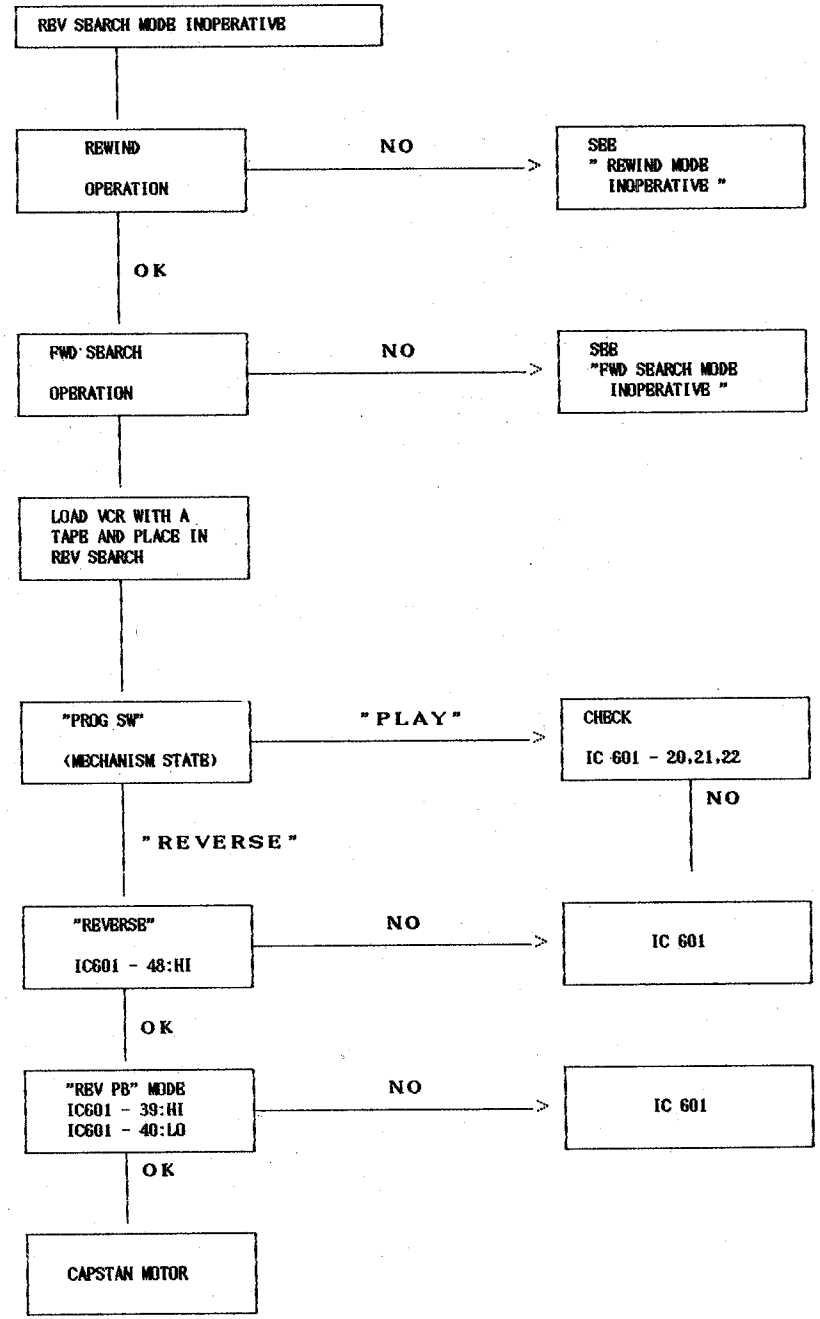
5-2-6.


REWIND MODE INOPERATIVE
F.FWD
OPERATION
NO
SEE
"FAST FORWARD
MODE INOPERATIVE"
OK
LOAD VCR WITH A
TAPE AND PRESS
REWIND BUTTON
"TAPE MOVEMENT"
INDICATION
IN DISPLAY
NO
SW 812
IC 701-20, 21
23
OK
"PROG SW"
MECHANISM
STATE
"STOP"
SEE
"MECHANISM DOES
NOT OPERATE IN
PLAY MODE"
"F.F/REW"
CAPSTAN
MOTOR
ROTATION
"STOP"
"REW" MODE
IC601-39 & 48:H
IC601-40:LO
NO
IC 601
OK
CAPSTAN MOTOR

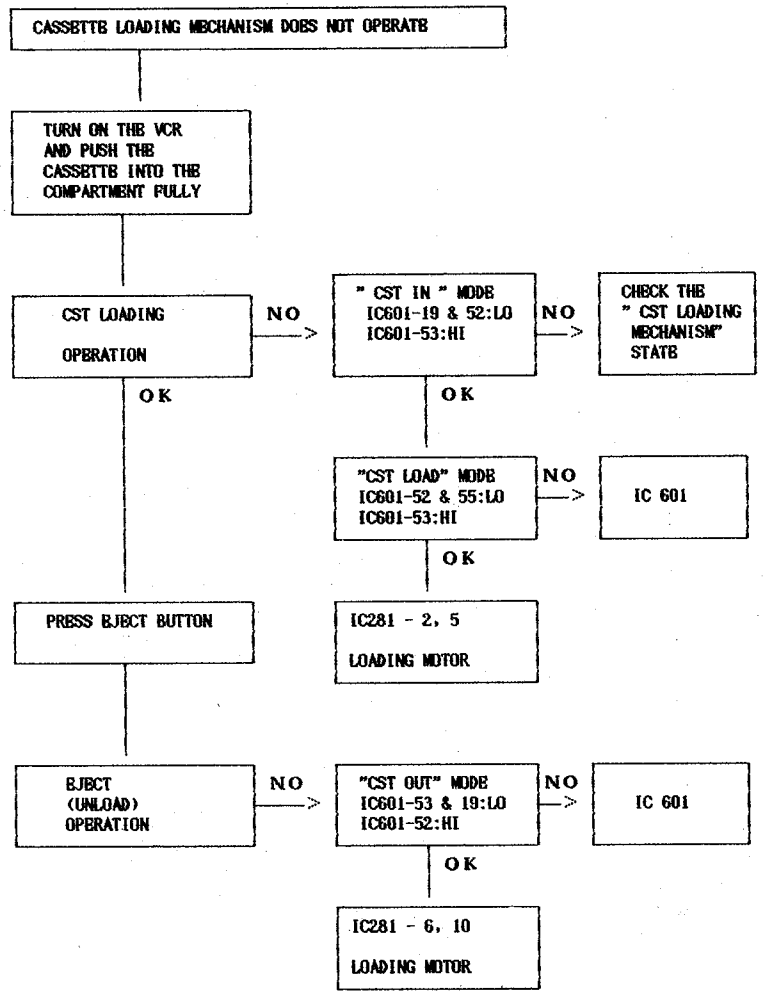
5-2-7.


FWD SEARCH MODE INOPERATIVE
F. FWD
OPERATION
NO
SEE
" FAST FORWARD MODE
INOPERATE "
O K
LOAD VCR WITH A
TAPE AND PLACE
IN FWD SEARCH
MODE
CAPSTAN
SPEED
IC601 - 35 LD
IC601 - 57
NO
IC 601
PLAY SPEED
CAPSTAN FG
IC201 - 57
DC
CHECK
CAPSTAN MOTOR
C-FG LINE
PULSE
IC201

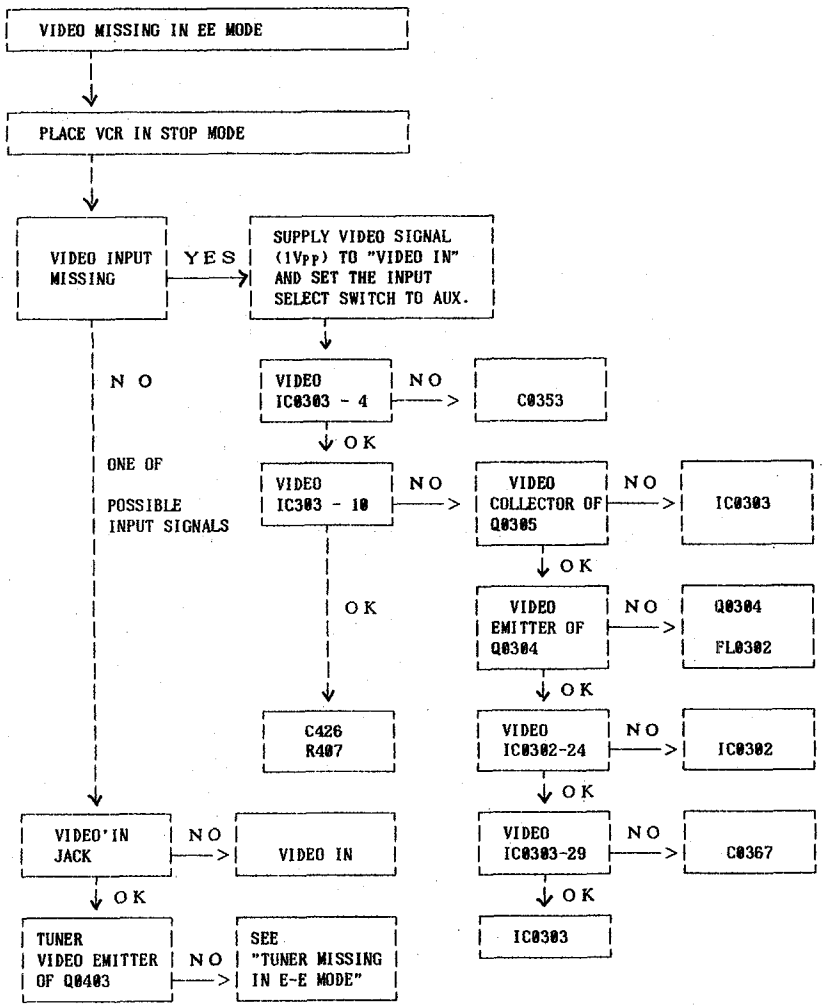
5-2-8.


REV SEARCH MODE INOPERATIVE
REWIND OPERATION
NO
SEE " REWIND MODE INOPERATIVE "
OK
FWD SEARCH OPERATION
NO
SEE "FWD SEARCH MODE INOPERATIVE "
LOAD VCR WITH A TAPE AND PLACE IN REV SEARCH
"PROG SW" (MECHANISM STATE)
"PLAY"
CHECK IC 601 - 20,21,22
NO
"REVERSE"
"REVERSE" IC601 - 48:HI
NO
IC 601
OK
"REV PB" MODE IC601 - 39:HI IC601 - 40:LO
NO
IC 601
OK
CAPSTAN MOTOR

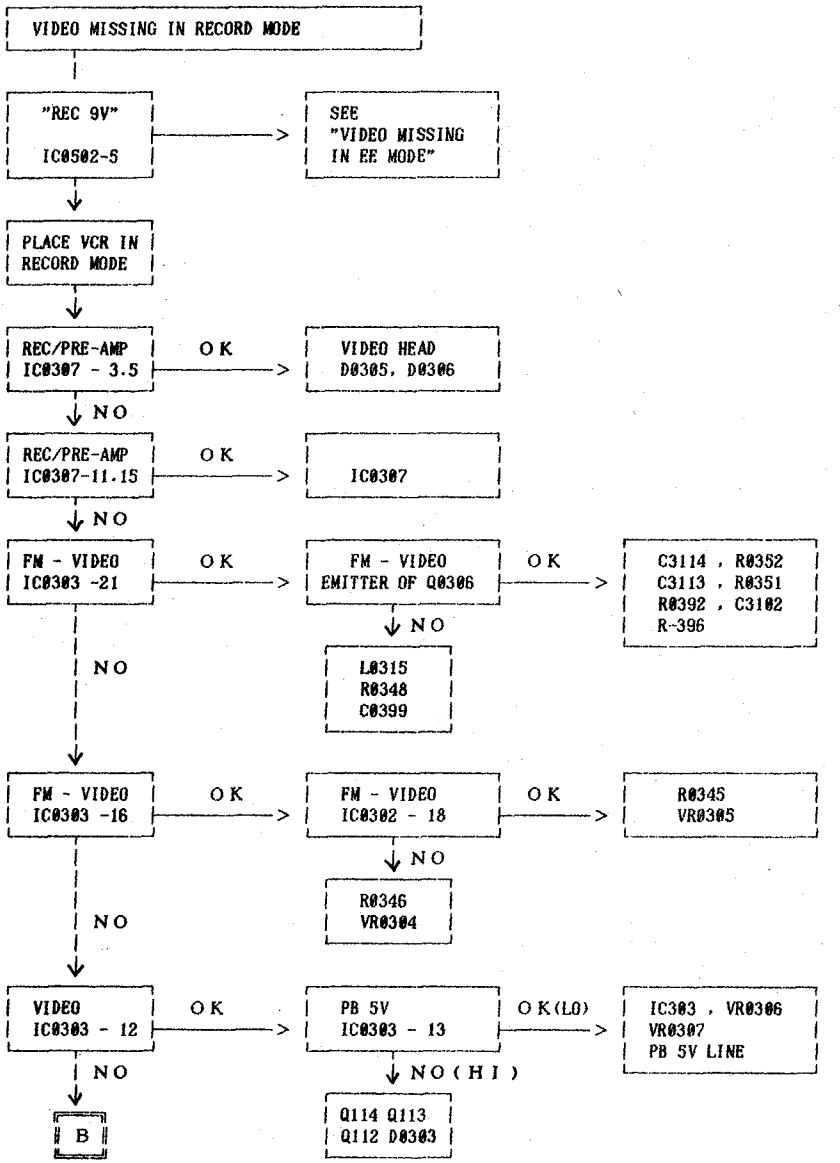
5-2-9.

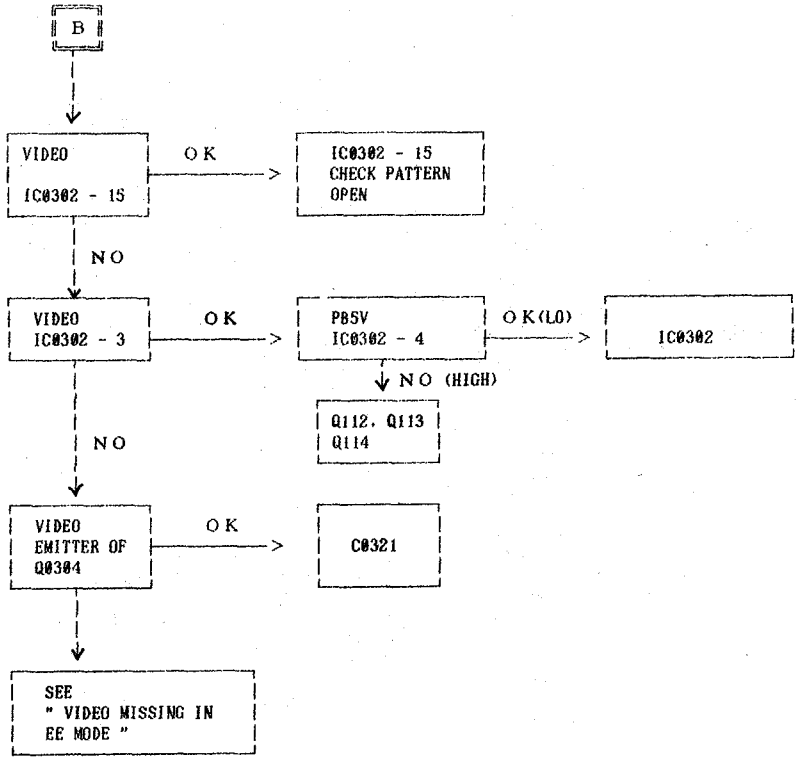

CASSETTE LOADING MECHANISM DOES NOT OPERATE
TURN ON THE VCR AND PUSH THE CASSETTE INTO THE COMPARTMENT FULLY
CST LOADING OPERATION
NO
" CST IN " MODE IC601-19 & 52:LO IC601-53:HI
NO
CHECK THE " CST LOADING MECHANISM" STATE
OK
OK
"CST LOAD" MODE IC601-52 & 55:LO IC601-53:HI
NO
IC 601
OK
PRESS EJECT BUTTON
IC281 - 2, 5 LOADING MOTOR
EJECT (UNLOAD) OPERATION
NO
"CST OUT" MODE IC601-53 & 19:LO IC601-52:HI
NO
IC 601
OK
IC281 - 6, 10 LOADING MOTOR

5 - 2 - 1 0 .

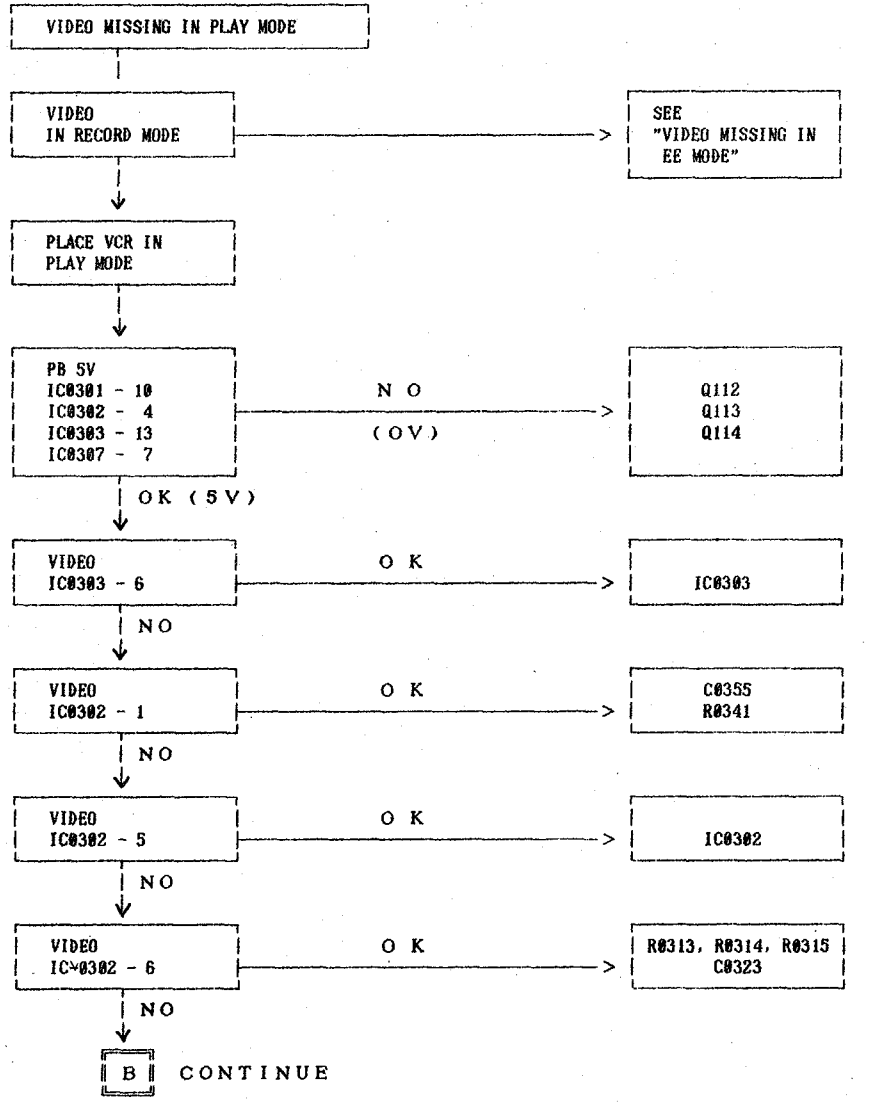

VIDEO MISSING IN EE MODE
PLACE VCR IN STOP MODE
VIDEO INPUT MISSING
YES
SUPPLY VIDEO SIGNAL (1Vpp) TO "VIDEO IN" AND SET THE INPUT SELECT SWITCH TO AUX.
NO
ONE OF POSSIBLE INPUT SIGNALS
VIDEO IC0303 - 4
NO
C0353
OK
VIDEO IC303 - 10
NO
VIDEO COLLECTOR OF Q0305
NO
IC0303
OK
OK
VIDEO EMITTER OF Q0304
NO
Q0304 FL0302
OK
C426 R407
VIDEO IC0302-24
NO
IC0302
OK
VIDEO IC0303-29
NO
C0367
OK
IC0303
VIDEO IN JACK
NO
VIDEO IN
OK
TUNER VIDEO EMITTER OF Q0403
NO
SEE "TUNER MISSING IN E-E MODE"

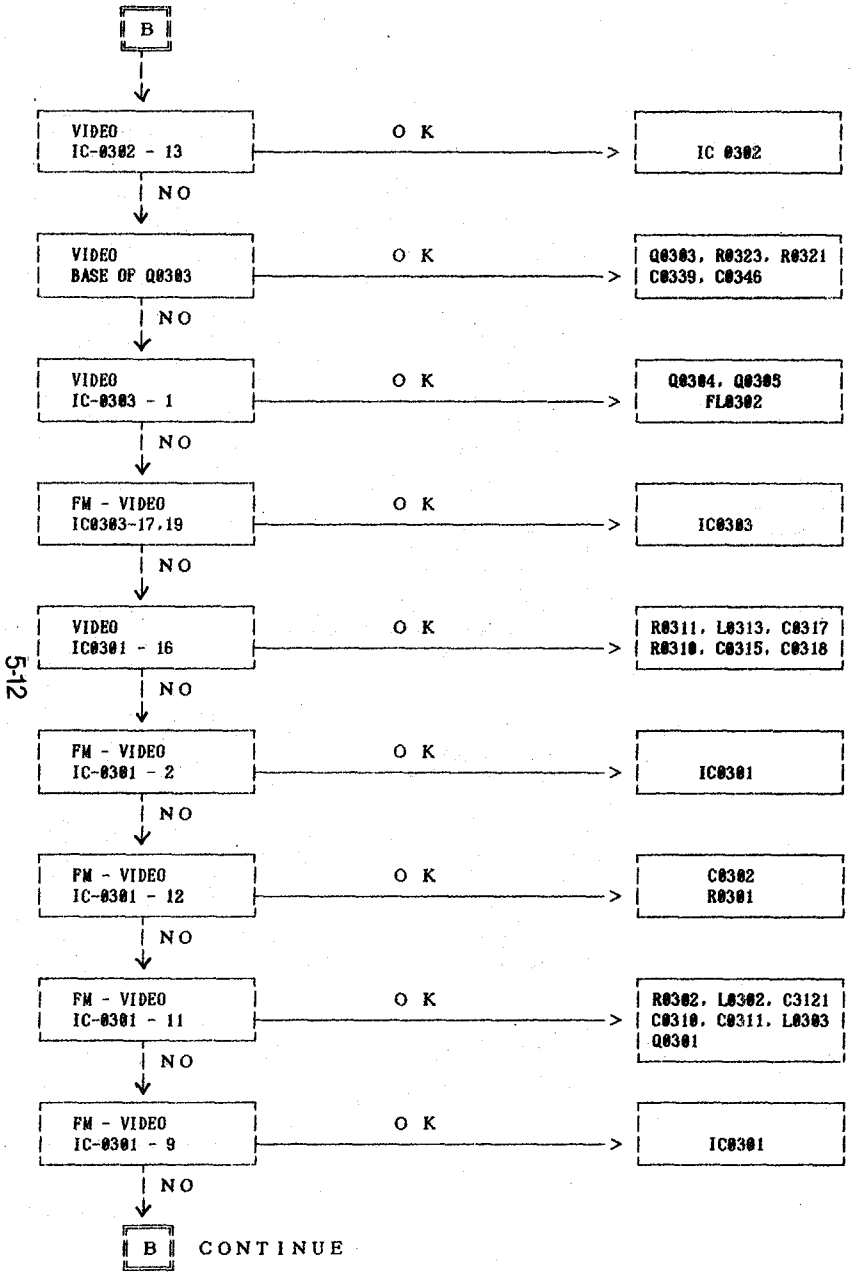
5 - 2 - 1 1 .

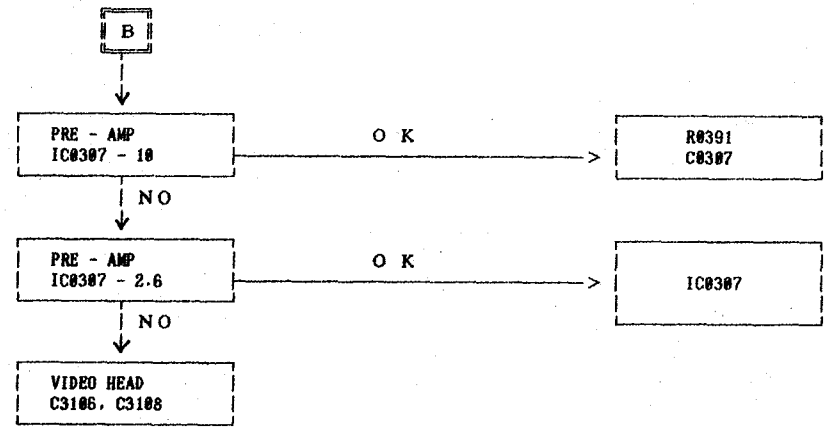

VIDEO MISSING IN RECORD MODE
"REC 9V" IC0502-5
SEE "VIDEO MISSING IN EE MODE"
PLACE VCR IN RECORD MODE
REC/PRE-AMP IC0307 - 3.5
OK
VIDEO HEAD D0305, D0306
NO
REC/PRE-AMP IC0307-11.15
OK
IC0307
NO
FM - VIDEO IC0303 -21
OK
FM - VIDEO EMITTER OF Q0306
OK
C3114 , R0352 C3113 , R0351 R0392 , C3102 R-396
NO
L0315 R0348 C0399
NO
FM - VIDEO IC0303 -16
OK
FM - VIDEO IC0302 - 18
OK
R0345 VR0305
NO
R0346 VR0304
NO
VIDEO IC0303 - 12
OK
PB 5V IC0303 - 13
OK(LO)
IC303 , VR0306 VR0307 PB 5V LINE
NO
NO(HI)
Q114 Q113 Q112 D0303
B


B
VIDEO
IC0302 - 15
OK
IC0302 - 15
CHECK PATTERN
OPEN
NO
VIDEO
IC0302 - 3
OK
PBSV
IC0302 - 4
OK(LO)
IC0302
NO (HIGH)
Q112, Q113
Q114
NO
VIDEO
EMITTER OF
Q0304
OK
C0321
SEE
" VIDEO MISSING IN
EE MODE "

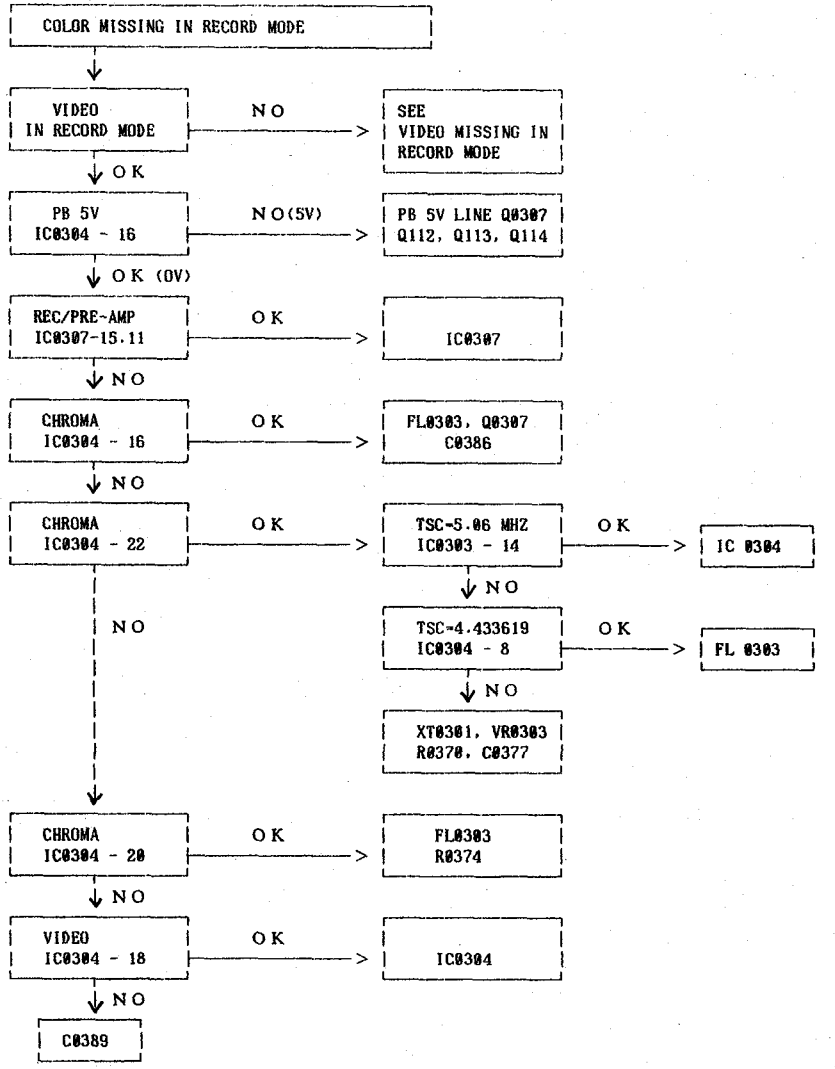
5 - 2 - 1 2 .


VIDEO MISSING IN PLAY MODE
VIDEO
IN RECORD MODE
SEE
"VIDEO MISSING IN
EE MODE"
PLACE VCR IN
PLAY MODE
PB 5V
IC0301 - 10
IC0302 - 4
IC0303 - 13
IC0307 - 7
NO
(0V)
Q112
Q113
Q114
OK (5V)
VIDEO
IC0303 - 6
OK
IC0303
NO
VIDEO
IC0302 - 1
OK
C0355
R0341
NO
VIDEO
IC0302 - 5
OK
IC0302
NO
VIDEO
IC0302 - 6
OK
R0313, R0314, R0315
C0323
NO
B
CONTINUE


B
VIDEO
IC-0302 - 13
O K
IC 0302
NO
VIDEO
BASE OF Q0303
O K
Q0303, R0323, R0321
C0339, C0346
NO
VIDEO
IC-0303 - 1
O K
Q0304, Q0305
FL0302
NO
FM - VIDEO
IC0303-17,19
O K
IC0303
NO
VIDEO
IC0301 - 16
O K
R0311, L0313, C0317
R0310, C0315, C0318
NO
FM - VIDEO
IC-0301 - 2
O K
IC0301
NO
FM - VIDEO
IC-0301 - 12
O K
C0302
R0301
NO
FM - VIDEO
IC-0301 - 11
O K
R0302, L0302, C3121
C0310, C0311, L0303
Q0301
NO
FM - VIDEO
IC-0301 - 9
O K
IC0301
NO
B
CONTINUE

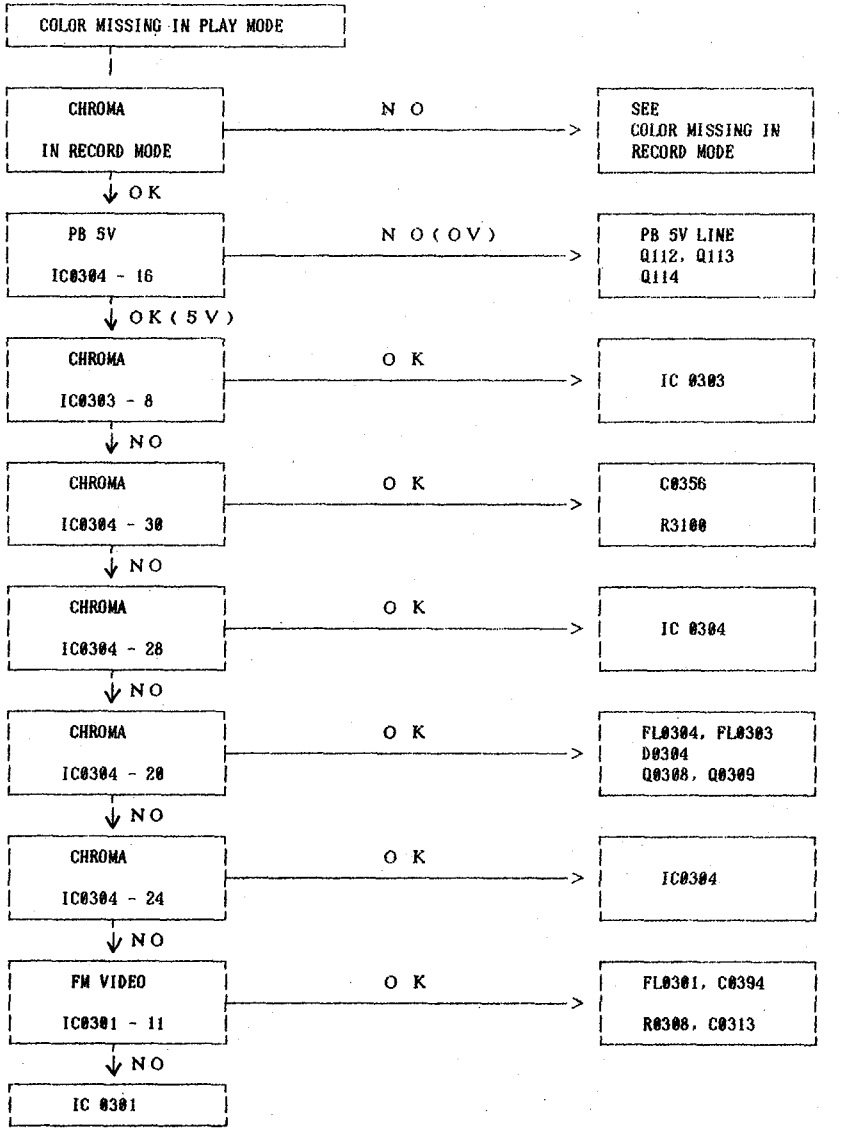

B
PRE - AMP
IC0307 - 10
O K
R0391
C0307
NO
PRE - AMP
IC0307 - 2.6
O K
IC0307
NO
VIDEO HEAD
C3106, C3108

5 - 2 - 1 3 .

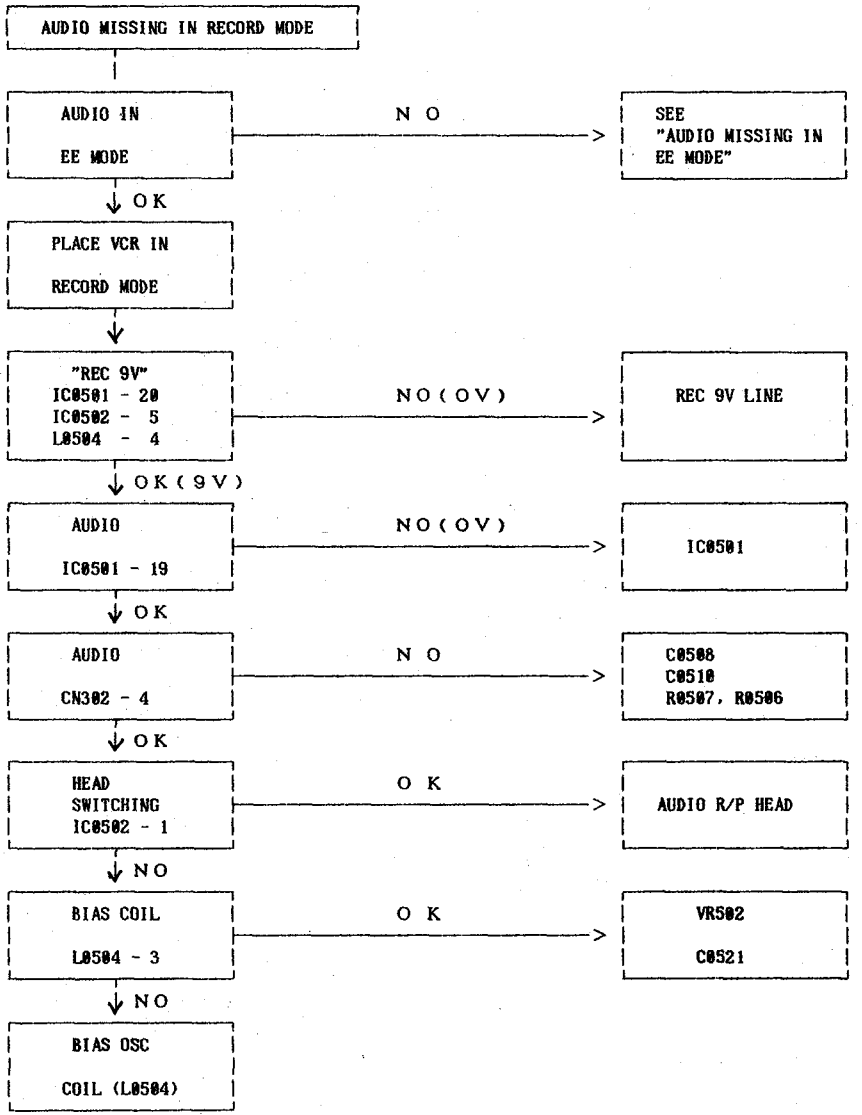

COLOR MISSING IN RECORD MODE
VIDEO IN RECORD MODE
NO
SEE VIDEO MISSING IN RECORD MODE
OK
PB 5V IC0304 - 16
NO(5V)
PB 5V LINE Q0307 Q112, Q113, Q114
OK (0V)
REC/PRE-AMP IC0307-15.11
OK
IC0307
NO
CHROMA IC0304 - 16
OK
FL0303, Q0307 C0386
NO
CHROMA IC0304 - 22
OK
TSC-5.06 MHZ IC0303 - 14
OK
IC 0304
NO
TSC-4.433619 IC0304 - 8
OK
FL 0303
NO
XT0301, VR0303 R0370, C0377
NO
CHROMA IC0304 - 20
OK
FL0303 R0374
NO
VIDEO IC0304 - 18
OK
IC0304
NO
C0389



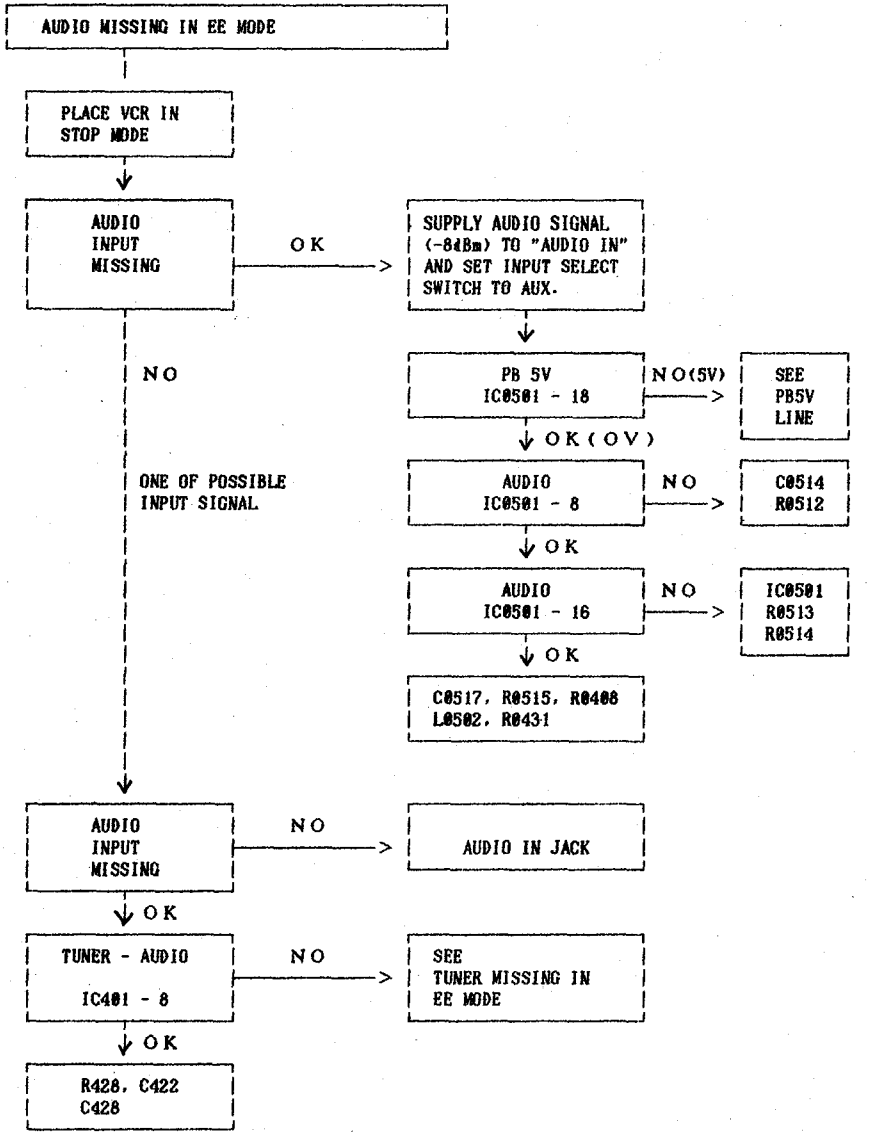
5 - 2 - 1 4 .


COLOR MISSING IN PLAY MODE
CHROMA IN RECORD MODE
NO
SEE COLOR MISSING IN RECORD MODE
OK
PB 5V IC0304 - 16
NO(0V)
PB 5V LINE Q112, Q113 Q114
OK(5V)
CHROMA IC0303 - 8
OK
IC 0303
NO
CHROMA IC0304 - 30
OK
C0356 R3100
NO
CHROMA IC0304 - 28
OK
IC 0304
NO
CHROMA IC0304 - 26
OK
FL0304, FL0303 D0304 Q0308, Q0309
NO
CHROMA IC0304 - 24
OK
IC0304
NO
FM VIDEO IC0301 - 11
OK
FL0301, C0394 R0308, C0313
NO
IC 0301

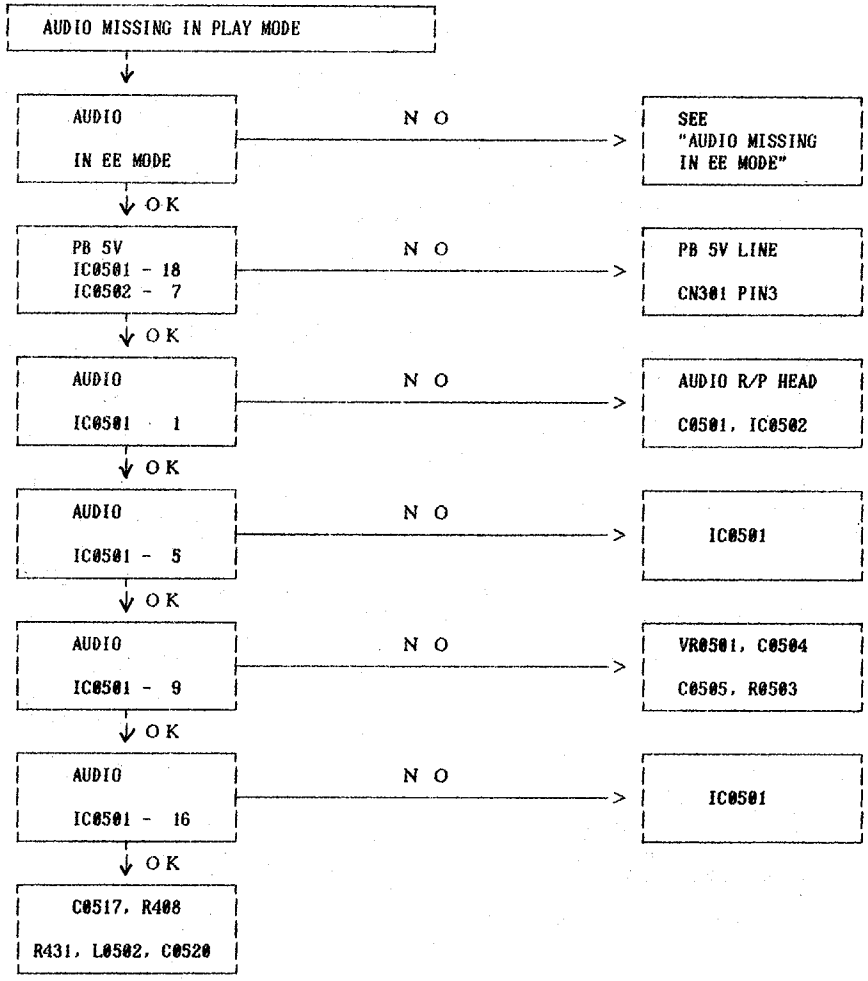
5 - 2 - 15


AUDIO MISSING IN RECORD MODE
AUDIO IN
EE MODE
NO
SEE
"AUDIO MISSING IN
EE MODE"
OK
PLACE VCR IN
RECORD MODE
"REC 9V"
IC0501 - 20
IC0502 - 5
L0504 - 4
NO(OV)
REC 9V LINE
OK(9V)
AUDIO
IC0501 - 19
NO(OV)
IC0501
OK
AUDIO
CN302 - 4
NO
C0508
C0510
R0507, R0506
OK
HEAD
SWITCHING
IC0502 - 1
OK
AUDIO R/P HEAD
NO
BIAS COIL
L0504 - 3
OK
VR502
C0521
NO
BIAS OSC
COIL (L0504)

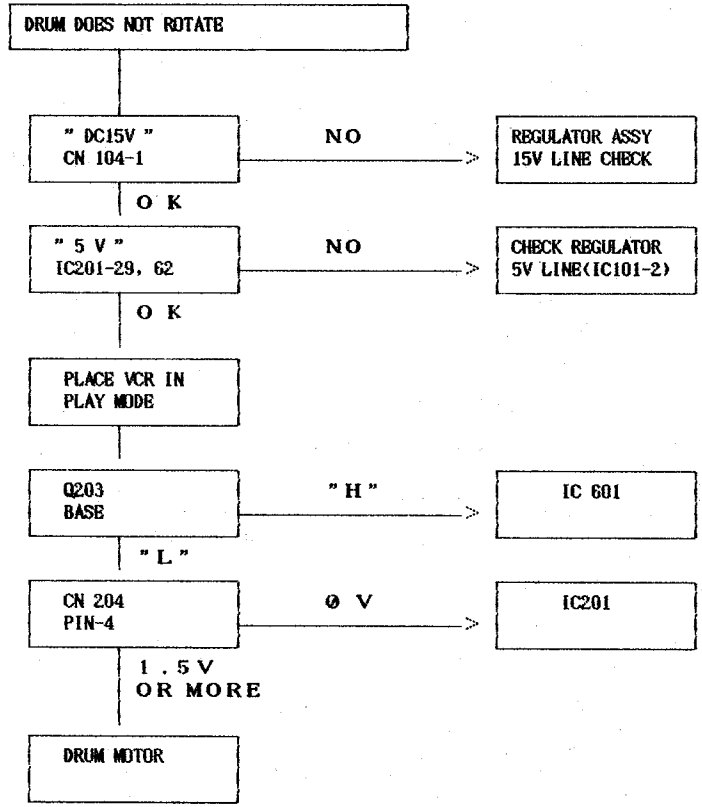
5 - 2 - 16 .


AUDIO MISSING IN EE MODE
PLACE VCR IN
STOP MODE
AUDIO
INPUT
MISSING
OK
SUPPLY AUDIO SIGNAL
(-8dBm) TO "AUDIO IN"
AND SET INPUT SELECT
SWITCH TO AUX.
NO
ONE OF POSSIBLE
INPUT SIGNAL
PB 5V
IC0501 - 18
NO(5V)
SEE
PB5V
LINE
OK(OV)
AUDIO
IC0501 - 8
NO
C0514
R0512
OK
AUDIO
IC0501 - 16
NO
IC0501
R0513
R0514
OK
C0517, R0515, R0408
L0502, R0431
AUDIO
INPUT
MISSING
NO
AUDIO IN JACK
OK
TUNER - AUDIO
IC401 - 8
NO
SEE
TUNER MISSING IN
EE MODE
OK
R428, C422
C428

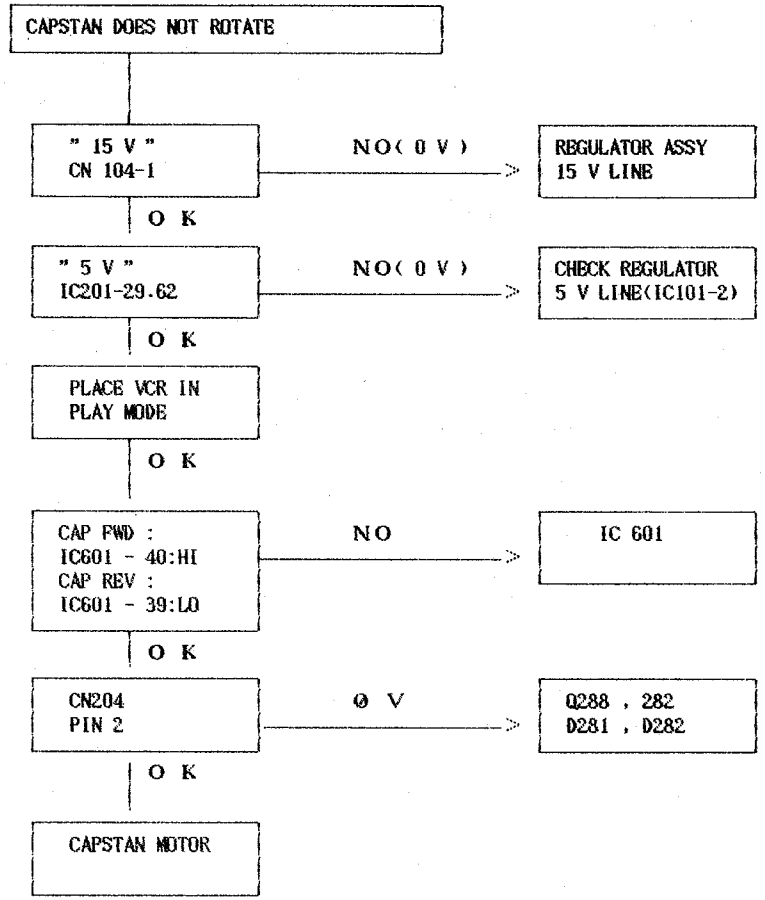
5 - 2 - 1 7 .


AUDIO MISSING IN PLAY MODE
AUDIO
IN EE MODE
N O
SEE
"AUDIO MISSING
IN EE MODE"
O K
PB 5V
IC0501 - 18
IC0502 - 7
N O
PB 5V LINE
CN301 PIN3
O K
AUDIO
IC0501 1
N O
AUDIO R/P HEAD
C0501, IC0502
O K
AUDIO
IC0501 - 5
N O
IC0501
O K
AUDIO
IC0501 - 9
N O
VR0501, C0504
C0505, R0503
O K
AUDIO
IC0501 - 16
N O
IC0501
O K
C0517, R408
R431, L0502, C0520

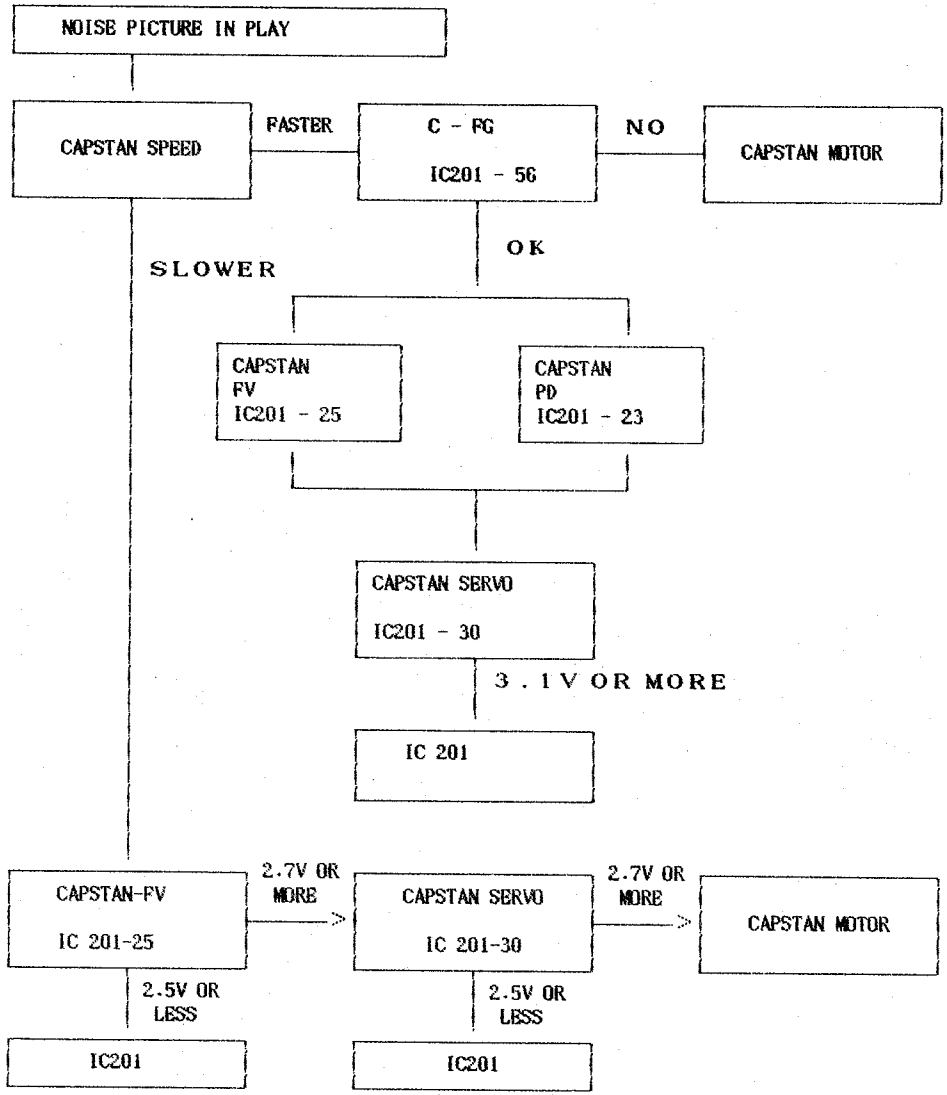
5 - 2 - 1 8 .


DRUM DOES NOT ROTATE
" DC15V "
CN 104-1
NO
REGULATOR ASSY
15V LINE CHECK
O K
" 5 V "
IC201-29, 62
NO
CHECK REGULATOR
5V LINE(IC101-2)
O K
PLACE VCR IN
PLAY MODE
Q203
BASE
" H "
IC 601
" L "
CN 204
PIN-4
0 V
IC201
1 . 5 V
OR MORE
DRUM MOTOR

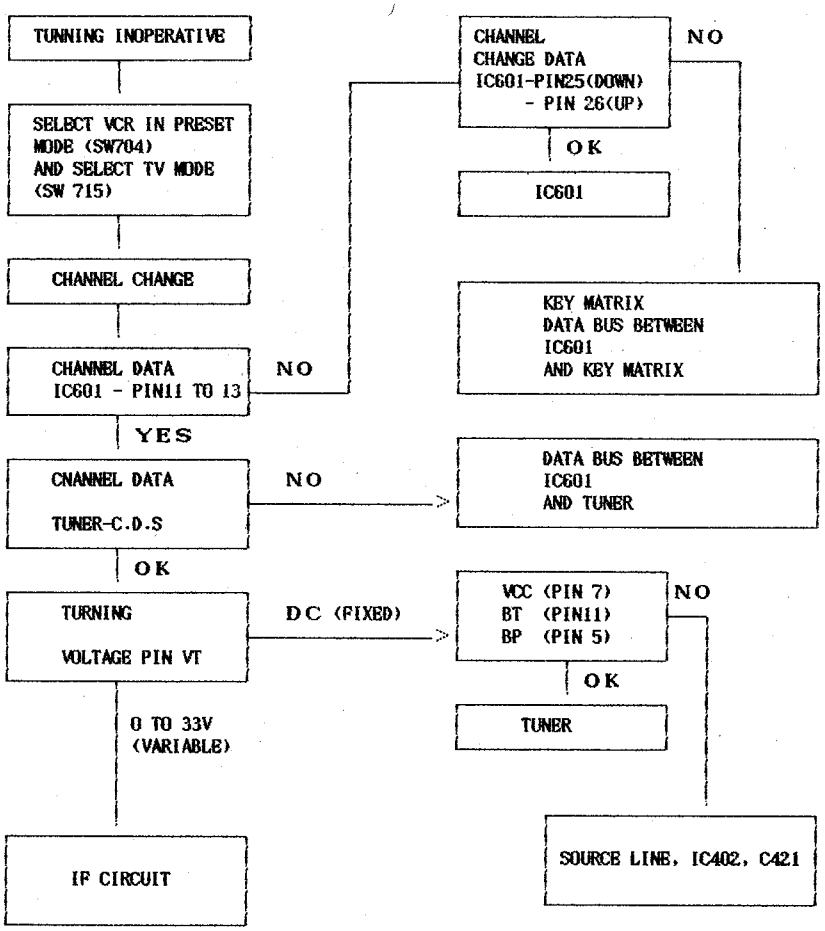
5-2-19.


CAPSTAN DOES NOT ROTATE
" 15 V "
CN 104-1
NO( 0 V )
REGULATOR ASSY
15 V LINE
O K
" 5 V "
IC201-29.62
NO( 0 V )
CHECK REGULATOR
5 V LINE(IC101-2)
O K
PLACE VCR IN
PLAY MODE
O K
CAP FWD :
IC601 - 40:HI
CAP REV :
IC601 - 39:LO
NO
IC 601
O K
CN204
PIN 2
0 V
Q288 , 282
D281 , D282
O K
CAPSTAN MOTOR

5-2-20


NOISE PICTURE IN PLAY
CAPSTAN SPEED
FASTER
C - FG
IC201 - 56
NO
CAPSTAN MOTOR
OK
SLOWER
CAPSTAN
FV
IC201 - 25
CAPSTAN
PD
IC201 - 23
CAPSTAN SERVO
IC201 - 30
3 . 1 V OR MORE
IC 201
CAPSTAN-FV
IC 201-25
2.7V OR
MORE
CAPSTAN SERVO
IC 201-30
2.7V OR
MORE
CAPSTAN MOTOR
2.5V OR
LESS
2.5V OR
LESS
IC201
IC201

5 - 2 - 2 1


TUNNING INOPERATIVE
SELECT VCR IN PRESET MODE (SW704) AND SELECT TV MODE (SW 715)
CHANNEL CHANGE
CHANNEL DATA IC601 - PIN11 TO 13
NO
YES
CNANNEL DATA
TUNER-C.D.S
NO
OK
TURNING
VOLTAGE PIN VT
DC (FIXED)
0 TO 33V (VARIABLE)
IF CIRCUIT
CHANNEL CHANGE DATA IC601-PIN25(DOWN) - PIN 26(UP)
NO
OK
IC601
KEY MATRIX DATA BUS BETWEEN IC601 AND KEY MATRIX
DATA BUS BETWEEN IC601 AND TUNER
VCC (PIN 7)
BT (PIN11)
BP (PIN 5)
NO
OK
TUNER
SOURCE LINE, IC402, C421

# 6. MECHANICAL/ELECTRICAL REPLACEMENT PARTS LIST

| LOCA.NO | PART-NUMBER | DESCRIPTION;SPECIFICATION | REMARK |
|---|---|---|---|
| | | TRANSPORT MECHANISM ASSEMBLY | |
| 201 | 66120-600-290 | MECHA CHASSIS ASST;D-8 | |
| 206 | 65234-600-420 | REEL DISK(R) ASSY;POM+SUS | S.N.A |
| 207 | 65234-600-520 | REEL DISK(S) ASSY;POM+SUS | |
| 209 | 66674-617-810 | SPRING TENSION;D7-NR2A | |
| 210 | 65254-608-410 | ARM TENSION ASSY;SECC+SUS304 | |
| 211 | 65274-601-310 | TENSION BAND ASSY;D7-NR2A | |
| 212 | 69000-280-142 | ASSY P/B LOADING ARM (L);D-8 | |
| 213 | 66613-605-720 | POLE BASE L ASSY;ZAMARK2+SUS | |
| 214 | 65223-700-330 | GUIDE ROLLER ASSY;SUS303+POM | |
| 215 | 69000-280-141 | ASSY P/B LOADING ARM (R);D-8 | |
| 216 | 66613-605-820 | POLE BASE R ASSY;ZAMARK2+SUS | |
| 217 | 65254-610-830 | REVIEW ARM ASSY;SECC+SUM | |
| 218 | 67224-602-010 | NUT-NYLON;M3X0.5 FE FZY | |
| 219 | 66674-611-810 | SPRING REVIEW ARM;SUSS304-WPB | S.N.A |
| 220 | 69000-280-117 | ASSY-HOLDER LED | |
| 221 | 66604-609-210 | HOLDER LED;ABS | |
| 222 | 62309-112-020 | LED-IR;LN59 | |
| 223 | 63053-607-110 | LEAD CON, ASSY;1429 #26 BLU 160CN211 | S.N.A |
| 225 | 66674-611-510 | SPRING TORSION A/C;SUS304-WPB | |
| 226 | 67304-600-010 | WASHER-PLAIN;SPG | |
| 228 | 69000-270-033 | A/C HEAD ASSY ; G-7 | |
| 229 | 66674-614-710 | SPRING ROLLER SUPPEY;D7-NR2A | |
| 230 | 66614-611-510 | HOLDER A/C HEAD;SECC | |
| 231 | 66674-710-910 | SPRING A/C HEAD;SUS WPA | |
| 232 | 67094-701-410 | SCREW-A/C HEAD;SUM32 PI5 | |
| 234 | 64079-503-062 | MAGNETIC HEAD F/E;VTR-1X2ERS11-072 | |
| 235 | 65253-602-210 | ARM F/E HEAD;D7-NR2A | |
| 236 | 66674-614-510 | SPRING ARM ERASE;D7-NR2A | |
| 237 | 65224-602-410 | BUSH ROLLER SUPPLY;D7-NR2A | |
| 238 | 65164-700-420 | FLANGEUPPER;SUS 316 CSP | S.N.A |
| 239 | 65224-703-220 | ROLLER SUPPLY;POM | S.N.A |
| 240 | 65224-703-510 | INNER-SUPPLY;C36048D | |
| 242 | 66114-600-310 | BRKT JOINT PCB;SPG T1.2 | S.N.A |
| 244 | 66674-613-110 | SPRING I.B SLIDE;SUS304-WPB | S.N.A |
| 246 | 65264-601-120 | PINCH ROLLER ASSY;TCR-65 | |
| 247 | 65253-609-140 | PINCH ROLLER ARM ASSY;SECC+SUM+SWP | |
| 248 | 66674-611-720 | SPRING PINCH ARM;SUS 304-WPB | |
| 249 | 65254-612-910 | BRAKE MAIN(R) ASSY;D7-NR2A | |
| 250 | 65254-613-010 | BRAKE MAIN(L) ASSY;D7-NR2A | |
| 251 | 66674-611-910 | SPRING MAIN BRAKE;SUS304-WPB | |
| 252 | 65254-608-720 | BRAKE SUB(R) ASSY;DURANEX+SUS 420J2 | |
| 254 | 65253-604-010 | SUB BRAKE L ASSY;POM+SUS | |
| 255 | 66674-612-110 | SPRING SUB BRAKE(L);SUS304-WPB | |
| 265 | 66604-623-420 | HEAT SINK B;A20179 FLAT | |
| 278 | 69015-122-322 | ASSY-JOINT BOARD;VB-750A | |
| 283 | 67224-602-210 | CAM ADJUST;ALLOY 5 | |
| 284 | 66674-624-610 | SPRING-ADJUST;SUS304-WPB | |
| 295 | 66464-601-100 | BRAKE WEAK(T);M90-44(WHT) | |
| 296 | 66674-625-000 | SPRING BRAKE WEAK(T);SUS 304 WPB | |
| 402 | 66604-624-920 | HOLDER TR ASSY;A20179+SUS304 | |
| 404 | 64769-052-057 | MOTOR DRUM;VDB1215AL | |
| 420 | 66154-600-320 | COVER UPPER DRUM;A1050P T0.5 | |
| 450 | 69018-123-320 | DRUM ASSY;G8-PR1A | |
| 451 | 69000-370-043 | ASSY BASE DRUM;R7NR2B | |
| 452 | 69000-370-093 | LOWER DRUM ASS'Y;G8-PR1A | |
| 453 | 69000-370-092 | UPPER DRUM ASS'Y;G8-PR1A | |
| 903 | 67008-130-081 | SCREW-PH;+M3X8 FE FZY | |
| 904 | 67068-820-033 | SET SCREW;M2X3 FE FZB | |
| 906 | 67008-130-061 | SCREW-PH;+M3X6 FE FZY | |
| 907 | 67004-100-710 | SCREW-PH;+M3X4 FE FZY | |
| 911 | 67009-130-051 | SCREW-PH;+M3X5 FE FZY | |
| 912 | 67008-126-081 | SCREW-PH;+M2.6X8 FE FZY | |
| 913 | 67008-123-181 | SCREW-PH;+M2.3X18 FE FZY | |
| 914 | 67094-700-710 | SCREW-PWH;+M3X6 FE FZY | |
| 915 | 67004-100-810 | SCREW-PH;M2.6X4 FE FZY | |
| 917 | 67094-700-620 | SCREW-BH;+M3X7.5 BSW3 WP NI | |
| 921 | 67108-330-861 | SCREW-PH;M3X6 TAP TITE | |
| 923 | 67094-700-720 | SCREW-PWH;2-3X8 FE FZY | |
| 952 | 67304-103-410 | WASHER-PLAIN;3.2X6X0.5 POLYSLIDER | |
| 953 | 67304-103-430 | WASHER-PLAIN;3.2X6X0.13 POLY SLIDE | |
| 954 | 67304-600-410 | WASHER-PLAIN;PI3.1*PI8*T0.5 | |
| 957 | 67334-600-310 | SLIT WASHER;PI2.5XPI5.2XT0.5 | |
| 958 | 67334-600-410 | SLIT WASHER;PI3.2XPI6XT0.5 | |
| 960 | 67334-600-320 | SLIT WASHER;02.5*09*0.5 | |
| 964 | 67304-103-420 | WASHER-PLAIN;3.2X6X0.25 POLY SLIDER | |
| 971 | 67358-103-006 | RING-E;PI3 STSC304-CSP | |
| | | BOTTOM SIDE MECHANISM | |
| 202 | 66114-600-010 | BRKT A;SECCE 20/20 | |
| 203 | 66114-600-110 | BRKT B;SECCE 20/20 | |
| 204 | 66114-600-420 | BRKT BACK;SECC T1.6 | |
| 208 | 66604-626-310 | HEAD BRUSH ASSY(G8);B.B+DAMPER+P.B | |
| 256 | 69000-270-086 | ASSY GEAR LOADING L;D7-NR2A | |
| 260 | 69000-270-087 | ASSY GEAR LOADING R;D7-NR2A | |
| 263 | 66052-600-310 | IDLER CLUTCH ASSY;D7-NR2A | |
| 289 | 64769-160-161 | MOTOR CAPSTAN;VFC 1510 CL | |

| LOCA.NO | PART-NUMBER | DESCRIPTION;SPECIFICATION | REMARK |
|---|---|---|---|
| 270 | 66614-614-610 | BRKT -PHOTO IN;SECC 1.6T | |
| 272 | 65274-600-720 | IDLER BELT;CR-65 | |
| 273 | 65253-602-810 | PLATE MAIN SLIDE;SECCE 20/20 | |
| 274 | 65253-602-140 | I.B SLIDE ASSY;SECC+SUM+SUS | |
| 275 | 66834-602-510 | SLIDE STOPPER;CY-65 | |
| 276 | 66674-613-110 | SPRING I.B SLIDE;SUS304-WPB | |
| 277 | 65292-600-310 | LOADING MOTOR ASS'Y;D7-NR2A | |
| | 63599-016-069 | MODE SWITCH ;G-7 ALPS(NA) | |
| | 64769-052-140 | MOTOR LOADING;RF-370C-15370 | |
| | 65203-601-270 | GEER WORM IDLER;POM(WHT) | |
| | 65204-604-110 | LEVEL TENSION;SECC | |
| | 65204-604-310 | WORM LOADING ASS'Y;POM | |
| | 65214-601-410 | POLLEY MOTOR;POM(WHT) | |
| | 65214-601-810 | POLLEY LOADING;POM | |
| | 65242-600-100 | CAM MASTER;POM | |
| | 65274-601-110 | BELT LOADING;CR WRT | |
| | 65274-601-210 | BELT RELEASE;CR WRT | |
| | 65293-600-013 | LEVEL PINCH CAM;SECC | |
| | 65293-600-110 | HOLDER WORM;POM | |
| | 66674-614-410 | S/P RELEASE;SUS304 | |
| | 66674-614-610 | SPRING S/W SLIDE;SUS304 | |
| | 66674-615-910 | SPRING LOADING;SUS 304 | |
| 280 | 66824-600-610 | TIE BAND;NYLON 616.100 | S.N.A |
| 281 | 69000-270-109 | ASSY PHOTO INTERRUPTER ; G-8 NL4 | |
| 282 | 63053-607-161 | LEAD CON. ASSY;1429 #26 RED 210 CN207 | S.N.A |
| 285 | 63053-607-151 | LEAD CON. ASSY;14229#26 WHT 320CN209 | S.N.A |
| 286 | 63053-607-132 | LEAD CON. ASSY;1429 #26 BLU 380 CN210 | S.N.A |
| 905 | 67008-130-171 | SCREW-PH;M3*3 FE FZY | |
| 906 | 67008-130-061 | SCREW-PH;+M3X6 FE FZY | |
| 907 | 67004-100-710 | SCREW-PH;+M3X4 FE FZY | |
| 953 | 67304-103-430 | WASHER-PLAIN;3.2X6X0.13 POLY SLIDE | |
| 955 | 67304-700-610 | WASHER PLAIN;4.2X8X0.5 POLY SLIDE | |
| 956 | 66864-600-410 | WASHER-DUST;6X0.5 POLY AMID | |
| 973 | 67358-102-506 | RING-E;PI2.5 STSC304-CSP | |
| Q005 | 62309-110-243 | PHOTO-INTERRUPTER;NJL5141EA | |
| 501 | | HOUSING ASSEMBLY | |
| 501 | 66122-700-502 | HOUSING ASSEMBLY | |
| 503 | 66022 600 320 | SIDE CHASSIS(R);ANS G20 | S.N.A |
| 504 | 66122-601-210 | SIDE CHASSIS(L);ABS BLK | S.N.A |
| 505 | 66463 601 210 | CASSETTE-GUIDE;ABS(BLK) | S.N.A |
| 506 | 65104 612 010 | RELAY SHAFT;SUM-2 | S.N.A |
| 507 | 65204 603 010 | RELAY GUIDE(R);CURACON(M90-44) | S.N.A |
| 508 | 65204 603 120 | RELAY GEAR(L);DURACON(M90-44) | S.N.A |
| 509 | 65254 609 510 | MASK CAM LEVER;DURACON(M90-44) | S.N.A |
| 510 | 69000 470 110 | ASS'Y CASSETTE HOLDER ;F/L SYSTEM(G7) | |
| 511 | 66132 600 110 | CASSETTE HOLDER;SECC-E20/20 T1.2 | |
| 512 | 66054 604 310 | KEY-CASSETTE;DUDRACON+SUS 304 T0.5 | |
| 513 | 66674 612 610 | CASSETTE HOLDER SPR;SVS 304 T0.15 | |
| 514 | 65104-612-110 | HOLDER SHAFT(R);SUM-2(H) | |
| 515 | 65104-612-210 | HOLDER SHAFT(L);SUM-2(H) | |
| 516 | 65104-612-310 | GUIDE PIN(R);SUM-2(H) | |
| 517 | 65104-612-410 | GUIDE PIN(L);SUM-2(H) | |
| 518 | 65104-612-510 | VERTICAL GUIDE PIN;SUM-2(H) | |
| 519 | 66152 600 110 | UPPER CHASSIS;SEC-E 20/20 1.0 | |
| 520 | 66674 608 110 | GROUND-PLATE TOP;PBSP T0.15 | |
| 521 | 65202 600 220 | SIDE ARM(R);DURACON(M90-44) | |
| 522 | 66674 616 410 | ARM TORSION SPRING R;SWP-B P1.0 | |
| 523 | 65202 600 320 | SIDE ARM(L);DURACON(M90-44) | |
| 524 | 66674 616 310 | ARM TORSION SPRING L;SWP-B P1.0 | |
| 525 | 65203 603 730 | ARM GEAR;ESLON PBT(ES630S) | |
| 526 | 66664 605 510 | ARM GEAR PIN;SUS 420 J2-8 | |
| 527 | 66674 616 610 | EJECT SPRING;SWP-B | |
| 528 | 65203 602 210 | WORM GEAR HOUSING;DURACON | |
| 529 | 65203-600-910 | TIMING GEAR;DURACON(M90-44) | |
| 530 | 66253-602-310 | BRKT HOUSING;SPG T1.0 | S.N.A |
| 531 | 66463 601 310 | LID OPENER;DURACON(M90-44) | |
| 532 | 66674 616 510 | LID OPENER SPRING;SWP-B P10.5 | |
| 533 | 67642-602-315 | FRONT MASK ;VK-8220 | |
| | 67642-601-117 | FRONT MASK ;VX/VI-8220,VX-8220M,VX-8220E | |
| | 67642-602-338 | FRONT MASK ;VX/VI/VD-8225 | |
| 534 | 66674 602 810 | MASK-SPRING;SUS 304 | |
| 535 | 63569 700 210 | REC SAFETY-S/W;MSW-1465 NBKU | |
| 538 | 63569 700 325 | CASSETTE-S/W;MSW-1429CA(0.15T) | |
| 541 | 63005 006 455 | PWB-SENSOR(E);94V0 1.6TX20.5X25(G08) | S.N.A |
| 545 | 63005 005 032 | PWB-SENSOR(S);94V0 1.6TX45X35(G-7) | S.N.A |
| 548 | 69000-470-310 | ASSY-TAKE UP END SENSOR;F/L SYSTEM | |
| 908 | 67004-101-415 | SCREW-BH;M3*5 FE FZY | |
| 909 | 67154 101 420 | SCREW TAP PWH;2S-M3X4.5 FE FZY | |
| 910 | 67108 600 810 | SCREW TAP BH;2S-M3X5 FE FZY | |
| Q001 | 62139 701 820 | TRANSISTOR;KSR2001 | |
| Q002 | 62139 701 820 | TRANSISTOR;KSR2001 | |
| Q003 | 62139 401 055 | TR-PHOTO;PN202S(R) | |
| Q004 | 62139 401 055 | TR-PHOTO;PN202S(R) | |
| 547 | 69000 470 410 | ASS'Y-SUPPLY END SENSOR;F/L SYSTEM | |

* S.N.A ;SERVICE NOT AVAILABLE.

| LOCA.NO | PART-NUMBER | DESCRIPTION;SPECIFICATION | REMARK |
|---|---|---|---|
| | | INSTRUMENT ASSEMBLY | |
| 1 | 69000-173-176 | ASS'Y PANEL FRONT ; VK8220 | |
| | 69000-183-012 | ASS'Y PANEL FRONT ; VI/VX8220 | |
| | 69000-183-011 | ASS'Y PANEL FRONT ; VB8220A,VX8220E | |
| | 69000-183-052 | ASS'Y PANEL FRONT ; VM8220 | |
| 1-1 | 69000-173-201 | ASS'Y PANEL FRONT ; VX8225 | |
| | 69000-173-226 | ASS'Y PANEL FRONT ; VI8225 | |
| | 69000-173-225 | ASS'Y PANEL FRONT ; VD8225 | |
| 2 | 67601-607-010 | PANEL FRONT ; MODEL FOR 8220 SERIES | |
| | 67601-605-440 | PANEL FRONT ; MODEL FOR 8225 SERIES | |
| 50 | 67643-605-610 | DOOR FRONT ; VK8220 | |
| | 67643-605-611 | DOOR FRONT ; VX/VI/VB8220 | |
| | 67643-604-540 | DOOR FRONT ; VX8225 | |
| | 67643-604-580 | DOOR FRONT ; VI8225 | |
| | 67643-604-570 | DOOR FRONT ; VD8225 | |
| 122 | 69098-600-735 | REGULATOR ASS'Y ; VK/VX8220,8225 | |
| | 69098-600-820 | REGULATOR ASS'Y ; VX8220M | |
| | 69098-600-737 | REGULATOR ASS'Y ; VI8220/8225 | |
| | 69098-600-818 | REGULATOR ASS'Y ; VX8220E | |
| | 69098-600-842 | REGULATOR ASS'Y ; VD8225 | |
| | 69098-600-900 | REGULATOR ASS'Y ; VB8220A | |
| 130 | 66020-600-860 | FRAME ; MODEL FOR 8220 SERIES | |
| | 66020-600-730 | FRAME ; MODEL FOR 8225 SERIES | |
| 131 | 66612-600-610 | BOTTOM COVER ; MODEL FOR 8220 SERIES | |
| | 66612-600-510 | BOTTOM COVER ; MODEL FOR 8225 SERIES | |
| 133 | 66074-600-110 | LEG | |
| 134 | 66462-602-110 | CONNECTOR BOARD ; VK8220 | |
| | 66462-603-710 | CONNECTOR BOARD ; VX/VI8220 | |
| | 66462-602-610 | CONECTOR BOARD ; VX8220E,VB8220A,VD8225 | |
| | 66462-603-110 | CONNECTOR BOARD ; VX/VI8225 | |
| 135 | 63344-010-280 | HOLDER JACK ;VK-8220,VX/VI-8225 | |
| | 63344-010-270 | HOLDER JACK ;VX-8220E,VB-8220A | |
| | 63344-010-060 | HOLDER JACK ;VD-8225 | |
| 136 | 69857-603-009 | ASS'Y MAIN-A ;VK-8220 | |
| | 69857-603-080 | ASS'Y MAIN-A ;VB-8220A | |
| | 69857-603-040 | ASS'Y MAIN-A ;VX-8220/8220M | |
| | 69857-603-090 | ASS'Y MAIN-A ;VX-8220E | |
| | 69857-603-030 | ASS'Y MAIN-A ;VI-8220 | |
| | 69857-603-002 | ASS'Y MAIN-A ;VX-8225 | |
| | 69857-603-730 | ASS'Y MAIN-A ;VI-8225 | |
| | 69857-603-050 | ASS'Y MAIN-A ;VD-8225 | |
| 142 | 66634-601-210 | CLAMPER WIRE | |
| 143 | 66614-714-310 | BRKT GUIDE TOP | |
| 144 | 66614-611-710 | BRKT PRE-AMP | |
| 145 | 66664-605-110 | HINGE MAIN-B | |
| 149 | 69802-603-030 | ASS'Y MAIN-B ;VK-8220 | |
| | 69802-603-002 | ASS'Y MAIN-B ;VX-8220/8220E/8220M | |
| | 69802-603-007 | ASS'Y MAIN-B ;VI-8220,VB-8220A | |
| | 69802-603-004 | ASS'Y MAIN-B ;VX-8225 | |
| | 69802-603-005 | ASS'Y MAIN-B ;VI/VD-8225 | |
| 150 | 69770-603-660 | ASS'Y FUNCTION ;MODEL FOR 8220 SERIES | |
| | 69880-603-202 | ASS'Y FUNCTION ;MODEL FOR 8225 SERIES | |
| 151 | 69771-603-650 | ASS'Y TIMER ;VK-8220 | |
| | 69771-603-671 | ASS'Y TIMER ;VX-8220E | |
| | 69871-603-206 | ASS'Y TIMER ;VI-8220 | |
| | 69881-603-206 | ASS'Y TIMER ;VX-8220,VX8220M | |
| | 69881-603-215 | ASS'Y TIMER ;VX/VI-8225 | |
| | 69881-603-605 | ASS'Y TIMER ;VD-8225 | |
| 163 | 66002-601-170 | TOP CABINET ;MODEL FOR 8220 SERIES | |
| | 66002-601-040 | TOP CABINET ;MODEL FOR 8225 SERIES | |
| 190 | 67158-240-121 | SCREW BH 2-4*12 FE FZY | |
| 191 | 69000-750-911 | ASS'Y SCREW PWH 2-4*12 | |
| 193 | 67158-240-103 | SCREW TAP BH | |
| 200 | 69018-150-150 | FULL DECK ASS'Y ;D8-PRICM | |
| 270 | 69015-122-322 | ASS'Y JOINT BOARD | |
| 454 | 69812-603-030 | ASS'Y PRE-AMP | |
| 500 | 66122-700-502 | HOUSING ASS'Y | |
| 906 | 67098-130-961 | SCREW PH +M3*6 FE FZY | |
| | 69015-122-322 | DECK-JOINT | |
| | 63954-100-320 | CERAMIC-PIPE;PI2.6 5MM WHT | S.N.A |
| | 63005-006-985 | PWB DECK JOINT(DUAL);94V0 1.6TX197X198 | S.N.A |
| | 67108-330-061 | SCREW-PH;M3X6 TAP TITE | |
| | 61048-177-473 | R-METAL FILM;RM 1/8TS 47K-J | |
| | 67009-130-051 | SCREW-PH;+M3X5 FE FZY | |
| | 68509-400-116 | WIRE-SO.COPPER;TA 0.6 SN | S.N.A |
| | 66114-600-310 | BRKT-JOINT PCB;SPG T1.2 | |
| | 63304-113-621 | CONNECTOR-TERMINAL;5033-4T | |
| | 67009-130-051 | SCREW-PH;+M3X5 FE FZY | |
| | 63005-006-418 | PWB-DECR JOINT(DUAL);940V 1.6X161X63 | S.N.A |
| | 66604-623-310 | HEAT SINK-A;A20179 | |
| | 63054-211-050 | WIRE-GND ASSY;1007 #18 178 BLK AY | S.N.A |
| C281 | 61419-109-210 | C-CERAMIC.HK;CK45 F 50V 0.1M-Z | |
| C282 | 61419-109-210 | C-CERAMIC.HK;CK45 F 50V 0.1M-Z | |
| CN204 | 63349-062-580 | CONNECTOR-WAFER;5268-09A | |
| CN205 | 63349-062-620 | CONNECTOR WAFER;5268-13A | |
| CN206 | 63349-062-550 | CONNECTOR-WAFER;5268-06A | |
| CN207 | 63349-062-520 | CONNECTOR-WAFER;5268-03A | |

| LOCA.NO | PART-NUMBER | DESCRIPTION;SPECIFICATION | REMARK |
|---|---|---|---|
| CN208 | 63349-062-570 | CONNECTOR-WAFER;5268-08A | |
| CN209 | 63349-062-530 | CONNECTOR-WAFER;5268-04A | |
| CN210 | 63349-062-311 | CONNECTOR WAFER;5267-02A(BLK) | |
| CN211 | 63349-062-310 | CONNECTOR-WAFER;5267-02A | |
| CN214 | 63349-062-560 | CONNECTOR-WAFER;5268-07A | |
| D281 | 62169-406-482 | DIODE;1N4148 SAMSUNG | |
| D282 | 62169-406-482 | DIODE;1N4148 SAMSUNG | |
| IC281 | 62119-401-300 | IC;KA8301(N.M) | |
| IC282 | 62119-101-763 | IC;TC49818P | |
| L281 | 62427-612-220 | COIL-PEAKING;EL0606RA-220J(22UH) TAPG | |
| Q281 | 62137-302-740 | TRANSISTOR;KSC 945-Y TAPG | |
| Q282 | 62137-701-013 | TRANSISTOR;KSR 1004 TAPG | |
| Q283 | 62137-103-380 | TRANSISTOR;KSA 733-Y TAPG | |
| Q284 | 62137-701-013 | TRANSISTOR;KSR 1004 TAPG | |
| Q285 | 62137-701-013 | TRANSISTOR;KSR 1004 TAPG | |
| Q286 | 62137-701-013 | TRANSISTOR;KSR 1004 TAPG | |
| Q288 | 62137-701-013 | TRANSISTOR;KSR 1004 TAPG | |
| R281 | 61048-177-474 | R-METAL FILM;RM 1/8TS 470K-J | |
| R282 | 61048-177-391 | R-METAL FILM;RM 1/8TS 390-J | |
| R283 | 61048-177-472 | R-METAL FILM;RM 1/8TS 4.7K-J | |
| R284 | 61048-177-683 | R-METAL FILM;RM 1/8TS 68K-J | |
| R285 | 61048-177-222 | R-METAL FILM;RM 1/8TS 2.2K-J | |
| R286 | 61049-527-689 | R-METAL OXIDE;RS 2P 6.8-J | |
| R288 | 61048-177-472 | R-METAL FILM;RM 1/8TS 4.7K-J | |
| R289 | 61048-177-472 | R-METAL FILM;RM 1/8TS 4.7K-J | |
| R290 | 61048-177-221 | R-METAL FILM;RM 1/8TS 220-J | |
| R291 | 61048-177-224 | R-METAL FILM;RM 1/8TS 220K-J | |
| | | ASSY FUNCTION | |
| | 69770-603-660 | ASSY FUNCTION;VK/VX/VI-8220,VB8220A | |
| | 69880-603-202 | ASSY FUNCTION;VX8225,VI8225,VD8225 | |
| | ———— | USED ONLY FOR VK/VX/VI8220.VB8220A MODEL | |
| | 63349-062-610 | CONNECTOR-WAFER;5268-12A | |
| | 67354-701-110 | RING POWER;ABS750 | |
| LD801 | 62309-110-340 | LED;GL-3HD7/GL3HD8 | |
| R801 | 61048-177-271 | R-METAL FILM;RM 1/8TS 270-J | |
| SW801 | 63599-016-073 | SW-TACT;KPT-1108A | |
| SW802 | 63599-016-073 | SW-TACT;KPT-1108A | |
| SW803 | 63599-016-073 | SW-TACT;KPT-1108A | |
| SW804 | 63599-016-073 | SW-TACT;KPT-1108A | |
| SW805 | 63599-016-073 | SW-TACT;KPT-1108A | |
| SW806 | 63599-016-073 | SW-TACT;KPT-1108A | |
| SW807 | 63599-016-073 | SW-TACT;KPT-1108A | |
| SW808 | 63599-016-073 | SW-TACT;KPT-1108A | |
| SW809 | 63599-016-073 | SW-TACT;KPT-1108A | |
| SW810 | 63599-016-073 | SW-TACT;KPT-1108A | |
| SW811 | 63599-016-073 | SW-TACT;KPT-1108A | |
| SW812 | 63599-016-073 | SW-TACT;KPT-1108A | |
| SW814 | 63599-016-073 | SW-TACT;KPT-1108A | |
| SW815 | 63599-016-073 | SW-TACT;KPT-1108A | |
| | ———— | USED ONLY FOR VX/VD/VI-8225 MODEL | |
| | 67654-614-410 | RINK POWER;ABS 94HB(PT3212) | |
| | 63349-062-570 | CONNECTOR-WAFER;5268-08A | |
| LD801 | 62309-110-340 | LED;GL-3HD7/GL3HD8 | |
| SW801 | 63599-016-070 | SW-TACT;EVQ-QS2 05K | |
| SW802 | 63599-016-070 | SW-TACT;EVQ-QS2 05K | |
| SW803 | 63599-016-070 | SW-TACT;EVQ-QS2 05K | |
| SW804 | 63599-016-070 | SW-TACT;EVQ-QS2 05K | |
| SW805 | 63599-016-070 | SW-TACT;EVQ-QS2 05K | |
| SW806 | 63599-016-070 | SW-TACT;EVQ-QS2 05K | |
| SW807 | 63599-016-070 | SW-TACT;EVQ-QS2 05K | |
| | | ASSY-TIMER | |
| | 69771-603-650 | ASSY-TIMER;VK-8220 | |
| | 69881-603-206 | ASSY-TIMER;VX-8220/8220M | |
| | 69771-603-671 | ASSY-TIMER;VX-8220E,VB-8220A | |
| | 69871-603-206 | ASSY-TIMER;VI-8220 | |
| | 69881-603-205 | ASSY-TIMER;VX/VI-8225 | |
| | 69881-603-215 | ASSY-TIMER;VD-8225 | |
| | ———— | TIMER COMMON PARTS | |
| C701 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C702 | 61607-401-440 | C-ELECTROLYTIC;CE04W TAPG 16V 22M | |
| C703 | 61607-402-250 | C-ELECTROLYTIC;CE04W TAPG 50V 10M-M | |
| D701 | 62169-406-482 | DIODE;1N4148 SAMSUNG | |
| D702 | 62169-406-482 | DIODE;1N4148 SAMSUNG | |
| D703 | 62169-406-482 | DIODE;1N4148 SAMSUNG | |
| D704 | 62169-406-482 | DIODE;1N4148 SAMSUNG | |
| D705 | 62169-406-482 | DIODE;1N4148 SAMSUNG | |
| D706 | 62169-406-482 | DIODE;1N4148 SAMSUNG | |
| D707 | 62169-406-482 | DIODE;1N4148 SAMSUNG | |
| D709 | 62169-406-482 | DIODE;1N4148 SAMSUNG | |

*.S.N.A ;SERVICE NOT AVAILABLE

| LOCA.NO | PART-NUMBER | DESCRIPTION;SPECIFICATION | REMARK |
|---|---|---|---|
| IC701 | 62109-502-010 | IC;MSC 1165RS | |
| Q701 | 62137-701-013 | TRANSISTOR;KSR 1004 TAPG | |
| R701 | 61048-177-473 | R-METAL FILM;RM 1/8TS 47K-J | |
| R702 | 61048-177-473 | R-METAL FILM;RM 1/8TS 47K-J | |
| R703 | 61048-177-473 | R-METAL FILM;RM 1/8TS 47K-J | |
| R704 | 61048-177-473 | R-METAL FILM;RM 1/8TS 47K-J | |
| R705 | 61048-177-103 | R-METAL FILM;RM 1/8TS 10K-J | |
| R706 | 61048-177-103 | R-METAL FILM;RM 1/8TS 10K-J | |
| R707 | 61048-177-103 | R-METAL FILM;RM 1/8TS 10K-J | |
| R708 | 61048-177-103 | R-METAL FILM;RM 1/8TS 10K-J | |
| R709 | 61048-177-103 | R-METAL FILM;RM 1/8TS 10K-J | |
| R710 | 61048-177-271 | R-METAL FILM;RM 1/8TS 270-J | |
| R711 | 61048-177-223 | R-METAL FILM;RM 1/8TS 22K-J | |
| RM701 | 64529-312-010 | REMOCON MODULE;SV-06A | |
| SW701 | 63599-016-070 | SW-TACT;EVQ-QS2 05K | |
| SW703 | 63599-016-070 | SW-TACT;EVQ-QS2 05K | |
| SW704 | 63599-016-070 | SW-TACT;EVQ-QS2 05K | |
| SW705 | 63599-016-070 | SW-TACT;EVQ-QS2 05K | |
| SW707 | 63599-016-070 | SW-TACT;EVQ-QS2 05K | |
| SW708 | 63599-016-070 | SW-TACT;EVQ-QS2 05K | |
| SW709 | 63599-016-070 | SW-TACT;EVQ-QS2 05K | |
| SW712 | 63599-016-070 | SW-TACT;EVQ-QS2 05K | |
| SW713 | 63599-016-070 | SW-TACT;EVQ-QS2 05K | |
| | ———————— | USED ONLY FOR VK-8220 MODEL | |
| | 62319-013-044 | DIGITRON;6-MT-86GK | |
| | 66603-607-110 | HOLDER TIMER;ABS T10(VX-710) | |
| | 63005-006-877 | PWB F/TIMER;1V0 1.6 X 247 X 147 VK8220 | S.N.A |
| | 63349-062-610 | CONNECTOR-WAFER;5268-12A | |
| CN701 | 63053-607-580 | LEAD CONN ASSY;1429 #26 BLK 120 CN701 | |
| CN703 | 63053-607-540 | LEAD-CONN ASSY;1429 #26 BLK 210 CN702 | |
| CN704 | 63053-609-350 | LEAD-CONN ASSY;1429 #26 BLK 290 CN104 | |
| CN705 | 63053-609-350 | LEAD-CONN ASSY;1429 #26 BLK 290 CN104 | |
| D708 | 62169-406-482 | DIODE;1N4148 SAMSUNG | |
| SW702 | 63599-016-073 | SW-TACT;KPT-1108A | |
| SW706 | 63599-016-073 | SW-TACT;KPT-1108A | |
| SW711 | 63599-016-073 | SW-TACT;KPT-1108A | |
| SW715 | 63519-102-071 | SW-SLIDE;KSA 2340A/T0023002-3 | |
| SW716 | 63519-102-071 | SW-SLIDE;KSA 2340A/T0023002-3 | |
| SW717 | 63519-102-072 | SW-SLIDE;KSA 2240A/T0023002-2 | |
| VR701 | 61203-107-110 | VR ROUND;RK09K1130/RH01 02SQ-20KB(20MM) | |
| VR702 | 61203-107-120 | VR ROUND;RK09K1130/RH01 02SQ-500KB(20MM) | |
| VR703 | 61243-103-020 | VR-SEMI;SR 19D-47KB | |
| | ———————— | USED ONLY FOR VK-8220/8220M MODEL | |
| | 62319-013-044 | DIGITRON;6-MT-86GK | |
| | 66603-607-110 | HOLDER TIMER;ABS T10(VX-710) | |
| | 63005-006-877 | PWB F/TIMER;1V0 1.6 X 247 X 147 VK8220 | S.N.A |
| | 63349-062-610 | CONNECTOR-WAFER;5268-12A | |
| CN701 | 63053-607-580 | LEAD CONN ASSY;1429 #26 BLK 120 CN701 | |
| CN703 | 63053-607-540 | LEAD-CONN ASSY;1429 #26 BLK 210 CN702 | |
| D708 | 62169-406-482 | DIODE;1N4148 SAMSUNG | |
| SW702 | 63599-016-073 | SW-TACT;KPT-1108A | |
| SW715 | 63519-102-071 | SW-SLIDE;KSA 2340A/T0023002-3 | |
| VR701 | 61203-107-110 | VR ROUND;RK09K1130/RH01 02SQ-20KB(20MM) | |
| VR702 | 61203-107-120 | VR ROUND;RK09K1130/RH01 02SQ-500KB(20MM) | |
| VR703 | 61243-103-020 | VR-SEMI;SR 19D-47KB | |
| | ———————— | USED ONLY FOR VX-8220E,VB-8220A MODEL | |
| | 62319-013-044 | DIGITRON;6-MT-86GK | |
| | 66603-607-110 | HOLDER TIMER;ABS T10(VX-710) | |
| | 63005-006-877 | PWB F/TIMER;1V0 1.6 X 247 X 147 VK8220 | S.N.A |
| | 63349-062-610 | CONNECTOR-WAFER;5268-12A | |
| CN701 | 63053-607-580 | LEAD CONN ASSY;1429 #26 BLK 120 CN701 | |
| CN703 | 63053-607-540 | LEAD-CONN ASSY;1429 #26 BLK 210 CN702 | |
| D708 | 62169-406-482 | DIODE;1N4148 SAMSUNG | |
| SW702 | 63599-016-073 | SW-TACT;KPT-1108A | |
| SW706 | 63599-016-073 | SW-TACT;KPT-1108A | |
| SW715 | 63519-102-072 | SW-SLIDE;KSA 2240A/T0023002-2 | |
| VR701 | 61203-107-110 | VR ROUND;RK09K1130/RH01 02SQ-20KB(20MM) | |
| VR702 | 61203-107-120 | VR ROUND;RK09K1130/RH01 02SQ-500KB(20MM) | |
| VR703 | 61243-103-020 | VR-SEMI;SR 19D-47KB | |
| | ———————— | USED ONLY FOR VI-8220 MODEL | |
| | 62319-013-044 | DIGITRON;6-MT-86GK | |
| | 66603-607-110 | HOLDER TIMER;ABS T10(VX-710) | |
| | 63005-006-877 | PWB F/TIMER;1V0 1.6 X 247 X 147 VK8220 | S.N.A |
| | 63349-062-610 | CONNECTOR-WAFER;5268-12A | |
| CN701 | 63053-607-580 | LEAD CONN ASSY;1429 #26 BLK 120 CN701 | |
| CN702 | 63053-607-660 | LEAD-CONN ASSY;1429 #26 BLK 230 CN701 | |
| D708 | 62169-406-482 | DIODE;1N4148 SAMSUNG | |
| SW702 | 63599-016-073 | SW-TACT;KPT-1108A | |
| VR701 | 61203-107-110 | VR ROUND;RK09K1130/RH01 02SQ-20KB(20MM) | |
| VR702 | 61203-107-120 | VR ROUND;RK09K1130/RH01 02SQ-500KB(20MM) | |
| VR703 | 61243-103-020 | VR-SEMI;SR 19D-47KB | |

| LOCA.NO | PART-NUMBER | DESCRIPTION;SPECIFICATION | REMARK |
|---|---|---|---|
| | ———————— | USED ONLY FOR VX/VI-8225 MODEL | |
| | 62319-013-049 | DIGITRON;8MT 22GYK | |
| | 63005-006-818 | PWB-F/T;1V1 1.6X215.95X121(VX-8225) | S.N.A |
| | 66603-607-000 | HOLDER TIMER;ABS 94HB | |
| CN-V1 | 63349-062-320 | CONNECTOR-WAFER;5267-03A | |
| CN701 | 63053-607-520 | LEAD-CONN ASSY;1429 #26 BLK 120CN703 | |
| CN702 | 63053-607-800 | LEAD CONN ASSY;1429 #26 BLK 180 CN701 | |
| CN703 | 63053-607-660 | LEAD CONN ASSY;1429 #26 WHT 230 CN701 | |
| R712 | 61048-177-223 | R-METAL FILM;RM 1/8TS 22K-J | |
| R714 | 61048-177-100 | R-METAL FILM;RM 1/8TS 10-J | |
| R715 | 61048-177-100 | R-METAL FILM;RM 1/8TS 10-J | |
| SW706 | 63599-016-070 | SW-TACT;EVQ-QS2 05K | |
| SW710 | 63599-016-070 | SW-TACT;EVQ-QS2 05K | |
| SW711 | 63599-016-070 | SW-TACT;EVQ-QS2 05K | |
| SW714 | 63599-016-070 | SW-TACT;EVQ-QS2 05K | |
| SW715 | 63599-016-070 | SW-TACT;EVQ-QS2 05K | |
| SW716 | 63599-016-070 | SW-TACT;EVQ-QS2 05K | |
| SW717 | 63599-016-070 | SW-TACT;EVQ-QS2 05K | |
| SW718 | 63519-102-071 | SW-SLIDE;KSA 2340A/T0023002-3 | |
| VR-V1 | 61203-107-500 | VR-ROUND;RK09K 1110-50KB(20MM) | |
| VR701 | 61203-107-080 | VR-ROUND;RK09K1130-500KB(17.5) | |
| VR702 | 61203-107-070 | VR-ROUND;RK09K1130-20KB(17.5) | |
| | ———————— | USED ONLY FOR VD-8225 MODEL | |
| SW702 | 63599-016-070 | SW-TACT;EVQ-QS2 05K | |
| | 62319-013-049 | DIGITRON;8MT 22GYK | |
| | 63005-006-818 | PWB-F/T;1V1 1.6X215.95X121(VX-8225) | S.N.A |
| | 66603-607-000 | HOLDER TIMER;ABS 94HB | |
| CN-V1 | 63349-062-320 | CONNECTOR-WAFER;5267-03A | |
| CN701 | 63053-607-520 | LEAD-CONN ASSY;1429 #26 BLK 120CN703 | |
| CN702 | 63053-607-800 | LEAD CONN ASSY;1429 #26 BLK 180 CN701 | |
| CN703 | 63053-607-660 | LEAD CONN ASSY;1429 #26 WHT 230 CN701 | |
| R712 | 61048-177-223 | R-METAL FILM;RM 1/8TS 22K-J | |
| R714 | 61048-177-100 | R-METAL FILM;RM 1/8TS 10-J | |
| R715 | 61048-177-100 | R-METAL FILM;RM 1/8TS 10-J | |
| SW706 | 63599-016-070 | SW-TACT;EVQ-QS2 05K | |
| SW710 | 63599-016-070 | SW-TACT;EVQ-QS2 05K | |
| SW711 | 63599-016-070 | SW-TACT;EVQ-QS2 05K | |
| SW714 | 63599-016-070 | SW-TACT;EVQ-QS2 05K | |
| SW715 | 63599-016-070 | SW-TACT;EVQ-QS2 05K | |
| SW716 | 63599-016-070 | SW-TACT;EVQ-QS2 05K | |
| SW717 | 63599-016-070 | SW-TACT;EVQ-QS2 05K | |
| SW718 | 63519-102-071 | SW-SLIDE;KSA 2340A/T0023002-3 | |
| VR-V1 | 61203-107-500 | VR-ROUND;RK09K 1110-50KB(20MM) | |
| VR701 | 61203-107-080 | VR-ROUND;RK09K1130-500KB(17.5) | |
| VR702 | 61203-107-070 | VR-ROUND;RK09K1130-20KB(17.5) | |
| 122 | | ASSY-REGULATOR | |
| | 69098-600-735 | RGULATOR ASS'Y ;VK/VX8220.8225 | |
| | 69098-600-820 | RGULATOR ASS'Y ;VX-8220M | |
| | 69098-600-737 | RGULATOR ASS'Y ;VI8220/8225 | |
| | 69098-600-818 | RGULATOR ASS'Y ;VX-8220E | |
| | 69098-600-842 | RGULATOR ASS'Y ;VD8225 | |
| | 69098-600-900 | RGULATOR ASS'Y ;VB8220A | |
| | ———————— | REGULATOR COMMON PARTS | |
| | 60659-431-573 | TAP STUE;SPC T0.5 | |
| | 63054-220-470 | GND WIRE;11/0.16 330V 180AY | S.N.A |
| | 60659-431-575 | COVER CAPACITOR;PET T1.0 | |
| | 63005-006-443 | PWB;XPC-FR-2(G-7) PAL NEW | S.N.A |
| | 60849-100-100 | BELT;FREE UP BELT | |
| | 63354-600-820 | CONNECTOR ASSY;G-7 PAL | |
| | 60659-431-576 | FUSE COVER;PET T1.0 | |
| | 60659-431-573 | TAP STUE;SPC T0.5 | |
| | 60659-431-574 | AC IN COVER;PET T1.0 | |
| C101 | 61499-601-320 | CAPACITOR(C.A);ECK-DNS 472ME | |
| C102 | 61609-144-332 | C-ELECTROLYTIC;35V 3300M(CASE VENT) | |
| C103 | 61609-141-475 | C-ELECTROLYTIC;CE04W 16V 4700M | |
| C104 | 61609-141-358 | C-ELECTROLYTIC;CE04W 35V 1000M | |
| C105 | 61609-124-471 | C-ELECTROLYTIC;100V 47M | |
| C106 | 61609-124-471 | C-ELECTROLYTIC;100V 47M | |
| C107 | 61609-124-471 | C-ELECTROLYTIC;100V 47M | |
| C108 | 61607-401-430 | C-ELECTROLYTIC;CE04W TAPG 25V 10M | |
| C110 | 61607-402-210 | C-ELECTROLYTIC;CE04W TAPG 50V 1M | |
| C111 | 61607-402-210 | C-ELECTROLYTIC;CE04W TAPG 50V 1M | |
| C112 | 61607-402-210 | C-ELECTROLYTIC;CE04W TAPG 50V 1M | |
| C113 | 61607-401-479 | C-CLECTROLYTIC;CE04W TAPG 16V 47M | |
| C114 | 61607-401-680 | C-ELECTROLYTIC;CE04W TAPG 25V 100M | |
| C115 | 61607-401-479 | C-CLECTROLYTIC;CE04W TAPG 16V 47M | |
| C116 | 61607-122-471 | C-ELECTROLYTIC;CE04W TAPG 25V 47M | |
| C117 | 61609-124-471 | C-ELECTROLYTIC;100V 47M | |
| CN101 | 63349-062-410 | CONNECTOR-WAFER;5267-12A | |
| D101 | 62169-403-850 | DIODE(B.D);R8V 402(SAN KEN) | |
| D102 | 62169-201-060 | DIODE;1N4002 | |
| D103 | 62169-406-482 | DIODE;1N4148 SAMSUNG | |
| D104 | 62169-201-060 | DIODE;1N4002 | |
| F101 | 64709-084-772 | FUSE;5X20 T500MA 250V | |

*.S.N.A : SERVICE NOT AVAILABLE.

| LOCA.NO | PART-NUMBER | DESCRIPTION;SPECIFICATION | REMARK |
|---|---|---|---|
| F102 | 64709-084-771 | FUSE;5X20 T2.5A 250V | |
| F103 | 64709-084-812 | FUSE;5X20 T800MA 250V | |
| FR101 | 61099-605-120 | FUSIBLE RESISTOR;FR 1/2 1.2-J | |
| FR102 | 61099-605-220 | R-FUSIBLE;1/4W 22N-J | |
| IC101 | 62119-101-430 | I.C;STK 5333(KTS) | |
| IC102 | 62109-201-282 | IC;MC7812(SST) | |
| LF101 | 62429-014-115 | LINE-FILTER;HL38 | |
| Q101 | 62137-302-740 | TRANSISTOR;KSC 945-Y TAPG | |
| Q102 | 62137-302-740 | TRANSISTOR;KSC 945-Y TAPG | |
| Q103 | 62137-701-012 | TRANSISTOR;KSR 1003 TAPG | |
| R101 | 61048-227-223 | R-METAL FILM;RM 1/4P 22K-J | |
| R102 | 61049-427-681 | R-MATAL OXIDE;RS1P 680-J | |
| R103 | 61049-427-121 | R-MATAL OXIDE;RS1P 1.2K-J | |
| R104 | 61049-427-681 | R-MATAL OXIDE;RS1P 680-J | |
| R105 | 61048-327-152 | R-MATAL OXIDE;RS 1/2P 1.5K-J | |
| R106 | 61048-227-681 | R-METAL FILM;RM 1/4P 680-J | |
| R108 | 61048-227-272 | R-METAL FILM;RM 1/4P 2.7K-J | |
| R109 | 61048-227-472 | R-METAL FILM;RM 1/4P 4.7K-J | |
| R110 | 61048-227-223 | R-METAL FILM;RM 1/4P 22K-J | |
| R111 | 61048-177-121 | R-METAL FILM;RM 1/8TS 120-J | |
| R112 | 61048-177-121 | R-METAL FILM;RM 1/8TS 120-J | |
| R12 | 61048-227-561 | R-METAL FILM;RM 1/4P 560-J | |
| ZD101 | 62169-403-860 | DIODE-ZENER;EQA02-23A(FUJI) | |
| ZD102 | 62169-403-870 | DIODE-ZENER;EQA02-07A(FUJI) | |
| | 64709-084-773 | FUSE CLIP;RBP 4-1 1/2H SV9500 | |
| | 64709-084-773 | FUSE CLIP;RBP 4-1 1/2H SV9500 | |
| | 64709-084-773 | FUSE CLIP;RBP 4-1 1/2H SV9500 | |
| | 64709-084-773 | FUSE CLIP;RBP 4-1 1/2H SV9500 | |
| | 64709-084-773 | FUSE CLIP;RBP 4-1 1/2H SV9500 | |
| | 64709-084-773 | FUSE CLIP;RBP 4-1 1/2H SV9500 | |
| | 65684-602-810 | HEAT-SINK;A1050P-H14 T:1.6 | |
| | 66613-609-810 | BRKT-HEAT SINK;A1050P-H14 T:2 | |
| | 67154-600-620 | SCREW TAP;WASHER 2S 3X15 ZN-Y | |
| | 67154-600-620 | SCREW TAP;WASHER 2S 3X15 ZN-Y | |
| | 67154-600-630 | SCREW TAP;WASHER 2S 3X8 CUTZN-Y | |
| | 67154-600-640 | SCREW TAP;WASHER 2S 3X10 ZN-Y | |
| | 67154-600-650 | SCREW TAP;RH 2S 4X8 CUT ZN-Y | |
| | 67154-600-650 | SCREW TAP;RH 2S 4X8 CUT ZN-Y | |
| | ———————— | USED ONLY FOR VK-8220 MODEL | |
| | 62869-190-222 | POWER-TRANS;EI 160X30 220V(5.1) | |
| | 63054-801-150 | POWER CORD;AC NON-UL STOPPER CP-2 | |
| | ———————— | USED ONLY FOR VX8220/8220M MODEL | |
| | 62869-190-222 | POWER-TRANS;EI 160*30 220V(5.1) | |
| | 63054-801-150 | POWER CORD;AC NON-UL STOPPER CP-2 | |
| | ———————— | USED ONLY FOR VX8220E/VB8220A MODEL | |
| | 62869-190-224 | POWER-TRANS;EI 160*30 230V(5.1) | |
| | 63054-801-150 | POWER CORD;AC NON-UL STOPPER CP-2 | |
| | ———————— | USED ONLY FOR VI8220/8225 MODEL | |
| | 62869-190-204 | POWER-TRANS;60*30 240V 50HZ | |
| | 63053-811-097 | POWER CORD;GTB2F 6.5FT(AC) | |
| | ———————— | USED ONLY FOR VX/8225 MODEL | |
| | 62869-190-222 | POWER TRANS;EI 160*30 220V(5.1) | |
| | 63054-801-150 | POWER CORD;AC NON-UL STOPPER CP-2 | |
| | ———————— | USED ONLY FOR VD8225 MODEL | |
| | 62869-190-222 | POWER TRANS;EI 160*30 220V(5.1) | |
| | 63054-801-150 | POWER CORD;AC NON-UL STOPPER CP-2 | |
| | | REMOCON PART | |
| | 69099-608-186 | ASS'Y REMOCON;VK/VX/VI8220.VX/VI8225 | |
| | 66152-601-290 | KEY REMOCON(B);SILICON RUBBER(VX-8220) | S.N.A |
| | 66152-601-110 | COVER BOTTOM REMOCON;ABS 94HB | S.N.A |
| | 66151-601-410 | COVER TOP REMOCON;ABS 94HB | S.N.A |
| | 67644-608-610 | DOOR BATTCRY;ABS 94HB | S.N.A |
| | 63005-806-986 | PWB-REMOCON;NEW VK-8220 | S.N.A |
| | 66674-625-710 | SPRING A2;PBR 2-1/4 T0.5 | S.N.A |
| | 66674-625-610 | SPRING A1;PBR 2-1/4 T0.5 | S.N.A |
| | 66673-608-710 | GUIDER LCD;ABS 94HB | S.N.A |
| | 66673-608-510 | SPRING (B) REMOCON;SUS 304 T0.4 | S.N.A |
| | 66154-601-810 | KEY REMOCON(A);SILICON RUBBER | S.N.A |
| | 67654-618-110 | WINDOW REMOCON;ACRYL VIOLET | S.N.A |
| | 67614-609-860 | INLAY COVER REMOCON;PVC T0.5(VX8220) | S.N.A |
| C901 | 61407-117-120 | C-CERAMIC.AXIAL;TAPG SL 50V 12-J | |
| C902 | 61407-117-120 | C-CERAMIC.AXIAL;TAPG SL 50V 12-J | |
| C903 | 61409-101-440 | C-CERAMIC.TEMP;CC45 SL 50V 220-J | |
| C904 | 61409-101-440 | C-CERAMIC.TEMP;CC45 SL 50V 220-J | |
| C905 | 61609-402-100 | C-ELECTROLYTIC;CE04W 50V 1M(SE) | |

| LOCA.NO | PART-NUMBER | DESCRIPTION;SPECIFICATION | REMARK |
|---|---|---|---|
| D901 | 62169-406-482 | DIODE;1N4148 SAMSUNG | |
| IC901 | 62119-103-524 | IC;M50930-127FP | |
| IR901 | 62309-112-036 | LED-IR;CL2 | |
| IR902 | 62309-112-036 | LED-IR;CL2 | |
| LCD901 | 62309-110-351 | LCD;HDL 7190 | |
| Q901 | 62139-103-381 | TRANSISTOR;KSA733-Y SAMSUNG | |
| Q902 | 62137-302-740 | TRANSISTOR;KSC 945-Y TAPG | |
| R901 | 61048-177-221 | R-METAL FILM;RM 1/8TS 220-J | |
| R902 | 61048-177-223 | R-METAL FILM;RM 1/8TS 22K-J | |
| R903 | 61048-177-223 | R-METAL FILM;RM 1/8TS 22K-J | |
| R904 | 61048-177-223 | R-METAL FILM;RM 1/8TS 22K-J | |
| R905 | 61048-177-333 | R-METAL FILM;RM 1/8TS 33K-J | |
| R906 | 61048-177-153 | R-METAL FILM;RM 1/8TS 15K-J | |
| R907 | 61048-177-100 | R-METAL FILM;RM 1/8TS 10-J | |
| R908 | 61048-177-271 | R-METAL FILM;RM 1/8TS 270-J | |
| R909 | 61048-177-183 | R-METAL FILM;RM 1/8TS 18K-J | |
| R910 | 61048-177-107 | R-METAL FILM;RM 1/8TS 10M-J | |
| R911 | 61048-177-104 | R-METAL FILM;RM 1/8TS 100K-J | |
| R912 | 61048-177-105 | R-METAL FILM;RM 1/8TS 1M-J | |
| R913 | 61048-177-104 | R-METAL FILM;RM 1/8TS 100K-J | |
| R914 | 61048-177-100 | R-METAL FILM;RM 1/8TS 10-J | |
| R915 | 61048-177-103 | R-METAL FILM;RM 1/8TS 10K-J | |
| R916 | 61048-177-103 | R-METAL FILM;RM 1/8TS 10K-J | |
| XT901 | 64539-021-010 | CRYSTAL;P-3(32.768KHZ) | |
| XT902 | 64539-102-330 | CERAMIC RESONATOR;CSB1216J | |
| | 69099-608-118 | ASS'Y REMOCON;VB-8220A,VX-8220E,VD-8225 | |
| | 66151-601-410 | COVER TOP REMOCON;ABS 94HB | S.N.A |
| | 63005-806-986 | PWB-REMOCON;NEW VK-8220 | S.N.A |
| | 68623-600-510 | BOX REMOCON;ART PAPER(PR845) | S.N.A |
| | 66152-601-110 | COVER BOTTOM REMOCON;ABS 94HB | S.N.A |
| | 66152-601-219 | KEY REMOCON(B);SILICON RUBBER(VB-8220A) | S.N.A |
| | 67614-609-819 | INLAY REMOCON(B);PVC T0.5(VB-8220A) | S.N.A |
| | 66674-625-710 | SPRING A2;PBR 2-1/4 T0.5 | S.N.A |
| | 66674-625-610 | SPRING A1;PBR 2-1/4 T0.5 | S.N.A |
| | 66673-608-710 | GUIDER LCD;ABS 94HB | S.N.A |
| | 66673-608-510 | SPRING (B) REMOCON;SUS 304 T0.4 | S.N.A |
| | 67654-618-110 | WINDOW REMOCON;ACRYL VIOLET | S.N.A |
| | 67644-608-610 | DOOR BATTCRY;ABS 94HB | S.N.A |
| | 66154-601-810 | KEY REMOCON(A);SILICON RUBBER | S.N.A |
| C901 | 61407-117-120 | C-CERAMIC.AXIAL;TAPG SL 50V 12-J | |
| C902 | 61407-117-120 | C-CERAMIC.AXIAL;TAPG SL 50V 12-J | |
| C903 | 61409-101-440 | C-CERAMIC.TEMP;CC45 SL 50V 220-J | |
| C904 | 61409-101-440 | C-CERAMIC.TEMP;CC45 SL 50V 220-J | |
| C905 | 61609-402-100 | C-ELECTROLYTIC;CE04W 50V 1M(SE) | |
| D901 | 62169-406-482 | DIODE;1N4148 SAMSUNG | |
| IC901 | 62119-103-524 | IC;M50930-127FP | |
| IR901 | 62309-112-036 | LED-IR;CL2 | |
| IR902 | 62309-112-036 | LED-IR;CL2 | |
| LCD901 | 62309-110-351 | LCD;HDL 7190 | |
| Q901 | 62139-103-381 | TRANSISTOR;KSA733-Y SAMSUNG | |
| Q902 | 62137-302-740 | TRANSISTOR;KSC 945-Y TAPG | |
| R901 | 61048-177-221 | R-METAL FILM;RM 1/8TS 220-J | |
| R902 | 61048-177-223 | R-METAL FILM;RM 1/8TS 22K-J | |
| R903 | 61048-177-223 | R-METAL FILM;RM 1/8TS 22K-J | |
| R904 | 61048-177-223 | R-METAL FILM;RM 1/8TS 22K-J | |
| R905 | 61048-177-333 | R-METAL FILM;RM 1/8TS 33K-J | |
| R906 | 61048-177-153 | R-METAL FILM;RM 1/8TS 15K-J | |
| R907 | 61048-177-100 | R-METAL FILM;RM 1/8TS 10-J | |
| R908 | 61048-177-271 | R-METAL FILM;RM 1/8TS 270-J | |
| R909 | 61048-177-183 | R-METAL FILM;RM 1/8TS 18K-J | |
| R910 | 61048-177-107 | R-METAL FILM;RM 1/8TS 10M-J | |
| R911 | 61048-177-104 | R-METAL FILM;RM 1/8TS 100K-J | |
| R912 | 61048-177-105 | R-METAL FILM;RM 1/8TS 1M-J | |
| R913 | 61048-177-104 | R-METAL FILM;RM 1/8TS 100K-J | |
| R914 | 61048-177-100 | R-METAL FILM;RM 1/8TS 10-J | |
| R915 | 61048-177-103 | R-METAL FILM;RM 1/8TS 10K-J | |
| R916 | 61048-177-103 | R-METAL FILM;RM 1/8TS 10K-J | |
| XT901 | 64539-021-010 | CRYSTAL;P-3(32.768KHZ) | |
| XT902 | 64539-102-330 | CERAMIC RESONATOR;CSB1216J | |

*.S.N.A : SERVICE NOT AVAILABLE.

| LOCA.NO | PART-NUMBER | DESCRIPTION;SPECIFICATION | REMARK |
|---|---|---|---|
| 149 | | ASSY MAIN B | |
| | 69802-603-050 | ASSY MAIN B: VK-8220 | |
| | 69802-603-082 | ASSY MAIN B: VX-8220/8220M/8220E | |
| | 69802-603-087 | ASSY MAIN B: VI-8220.VB-8220A | |
| | 69802-603-094 | ASSY MAIN B: VX-8225 | |
| | 69802-603-095 | ASSY MAIN B: VI/VD-8225 | |
| | AUDIO PARTS | : AUDIO COMMON PARTS | |
| C0501 | 61507-121-511 | C-POLTESTER;CQ921M TAPG 100V 0.022M-J | |
| C0503 | 61507-121-378 | C-POLYESTER;CQ921M TAPG 100V 0.0018M-K | |
| C0504 | 61607-402-210 | C-ELECTROLYTIC;CE04W TAPG 50V 1M | |
| C0505 | 61507-121-470 | C-POLYESTER;CQ921M TAPG 100V 0.01M-K | |
| C0506 | 61607-401-450 | C-ELECTROLYTIC;CE04W TAPG 16V 33M | |
| C0508 | 61607-402-210 | C-ELECTROLYTIC;CE04W TAPG 50V 1M | |
| C0509 | 61607-401-430 | C-ELECTROLYTIC;CE04W TAPG 25V 10M | |
| C0510 | 61507-121-470 | C-POLYESTER;CQ921M TAPG 100V 0.01M-K | |
| C0511 | 61507-121-431 | C-POLYESTER;CQ921M TAPG 50V 0.0047M-J | |
| C0512 | 61507-121-481 | C-POLTESTER;CQ921M TAPG 50V 0.015M-J | |
| C0513 | 61507-121-470 | C-POLYESTER;CQ921M TAPG 100V 0.01M-K | |
| C0515 | 61607-402-210 | C-ELECTROLYTIC;CE04W TAPG 50V 1M | |
| C0516 | 61607-401-460 | C-ELECTROLYTIC(SG);CE04W TAPG 16V 47M | |
| C0518 | 61607-401-471 | C-ELECTROLYTIC;CE04W TAPG 16V 100M(SG) | |
| C0519 | 61507-121-451 | C-POLYESTER;CQ921M TAPG 100V 0.0068M-J | |
| C0520 | 61507-121-431 | C-POLYESTER;CQ921M TAPG 50V 0.0047M-J | |
| C0521 | 61509-339-010 | C-POLYESTER;MDX 100V 473K | |
| C0522 | 61407-101-490 | C-CERAMIC.TEMP;CC45 SL TAPG 50V 390-J | |
| C0523 | 61507-121-340 | C-POLYESTER;CQ921M TAPG 100V 0.001M-K | |
| C0524 | 61607-401-630 | C-ELECTROLYTIC;CE04W TAPG 35V 4.7M | |
| C0525 | 61607-402-210 | C-ELECTROLYTIC;CE04W TAPG 50V 1M | |
| IC0501 | 62119-103-653 | IC;LA7297 | |
| J1 | 63054-222-060 | WIRE-JUMPER(H-WRAP);1007 #26-SOLD WHT 60 | S.N.A |
| L0501 | 62429-010-280 | COIL-PEAKING;BOAM-22MH | |
| L0502 | 62427-813-153 | COIL-PEAKING;EL0607RA-153J(15MH) TAPG | |
| L0503 | 62427-812-101 | COIL-PEAKING;EL0606RA-101J(100UH) TAPG | |
| L0504 | 62429-014-099 | COIL-BIAS OSC;12BOWT SHIELD CAP | |
| Q0501 | 62149-301-431 | TRANSISTOR;KSC1008-Y SAMSUNG | |
| R0501 | 61048-177-473 | R-METAL FILM;RM 1/8TS 47K-J | |
| R0502 | 61048-177-103 | R-METAL FILM;RM 1/8TS 10K-J | |
| R0503 | 61048-177-334 | R-METAL FILM;RM 1/8TS 330K-J | |
| R0504 | 61048-177-121 | R-METAL FILM;RM 1/8TS 120-J | |
| R0506 | 61048-177-332 | R-METAL FILM;RM 1/8TS 3.3K-J | |
| R0507 | 61048-177-223 | R-METAL FILM;RM 1/8TS 22K-J | |
| R0508 | 61048-177-475 | R-METAL FILM;RM 1/8TS 4.7M-J | |
| R0509 | 61048-177-822 | R-METAL FILM;RM 1/8TS 8.2K-J | |
| R0510 | 61048-177-223 | R-METAL FILM;RM 1/8TS 22K-J | |
| R0511 | 61048-177-821 | R-METAL FILM;RM 1/8TS 820-J | |
| R0512 | 61048-177-333 | R-METAL FILM;RM 1/8TS 33K-J | |
| R0513 | 61048-177-332 | R-METAL FILM;RM 1/8TS 3.3K-J | |
| R0514 | 61048-177-471 | R-METAL FILM;RM 1/8TS 470-J | |
| R0516 | 61048-177-203 | R-METAL FILM;RM 1/8TS 20K-J | |
| R0517 | 61048-177-153 | R-METAL FILM;RM 1/8TS 15K-J | |
| R0518 | 61048-177-470 | R-METAL FILM;RM 1/8TS 47-J | |
| R0519 | 61048-177-229 | R-METAL FILM;RM 1/8TS 2.2-J | |
| R0520 | 61048-177-224 | R-METAL FILM;RM 1/8TS 220K-J | |
| VR0501 | 61246-105-103 | VR-SEMI;RH0615C 10KB | |
| VR0502 | 61246-105-104 | VR-SEMI;RH0615C 100KB | |
| | VIDEO PARTS | : USED ONLY FOR VK-8220 MODEL | |
| | 63005-006-696 | PWB MAIN(B);94V0 1.6X156X247(VK8220) | S.N.A |
| | 63054-211-090 | WIRE-GND ASSY;1007 #18 190 BLK AA | S.N.A |
| | 63054-211-180 | WIRE-GND ASSY;1007 #18 270 BLK AA | S.N.A |
| | 63054-211-180 | WIRE-GND ASSY;1007 #18 270 BLK AA | S.N.A |
| C0301 | 61409-101-070 | C-CERAMIC.TEMP;CC45 SL 50V 5-D | |
| C0302 | 61407-101-490 | C-CERAMIC.TEMP;CC45 SL TAPG 50V 390-J | |
| C0303 | 61407-101-240 | C-CERAMIC.TEMP;CC45 SL TAPG 50V 33-J | |
| C0304 | 61407-105-250 | C-CERAMIC.TEMP;CC45 CH TAPG 50V 39-J | |
| C0305 | 61607-402-200 | C-ELECTROLYTIC;CE04W TAPG 50V 0.47M | |
| C0306 | 61607-402-220 | C-ELECTROLYTIC;CE04W TAPG 50V 2.2M | |
| C0307 | 61407-101-440 | C-CERAMIC.TEMP;CC45 SL TAPG 50V 220-J | |
| C0308 | 61409-101-270 | C-CERAMIC.TEMP;CC45 SL 50V 47-J | |
| C0309 | 61607-402-230 | C-ELECTROLYTIC;CE04W TAPG 50V 3.3M | |
| C0310 | 61607-402-210 | C-ELECTROLYTIC;CE04W TAPG 50V 1M | |
| C0311 | 61407-101-248 | C-CERAMIC.TEMP;CC45 SL TAPG 50V 33-J | |
| C0312 | 61407-101-380 | C-CERAMIC.TEMP;CC45 SL TAPG 50V 120-J | |
| C0313 | 61407-105-280 | C-CERAMIC.TEMP;CC45 CH TAPG 50V 56-J | |
| C0315 | 61407-101-200 | C-CERAMIC.TEMP;CC45 SL TAPG 50V 22-J | |
| C0316 | 61407-105-320 | C-CERAMIC.TEMP;CC45 CH TAPG 50V 82-J | |
| C0317 | 61507-121-571 | C-POLYESTER;CQ921M TAPG 100V 0.068M-J | |
| C0318 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0319 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0320 | 61607-401-430 | C-ELECTROLYTIC;CE04W TAPG 25V 10M | |
| C0321 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0323 | 61607-401-471 | C-ELECTROLYTIC;CE04W TAPG 16V 100M(SG) | |
| C0325 | 61607-401-440 | C-ELECTROLYTIC;CE04W TAPG 16V 22M | |
| C0326 | 61607-402-200 | C-ELECTROLYTIC;CE04W TAPG 50V 0.47M | |
| C0327 | 61607-401-430 | C-ELECTROLYTIC;CE04W TAPG 25V 10M | |
| C0328 | 61607-401-460 | C-ELECTROLYTIC(SG);CE04W TAPG 16V 47M | |
| C0329 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0330 | 61407-101-380 | C-CERAMIC.TEMP;CC45 SL TAPG 50V 120-J | |
| C0331 | 61407-105-320 | C-CERAMIC.TEMP;CC45 CH TAPG 50V 82-J | |
| C0332 | 61407-105-860 | C-CERAMIC.TEMP;CC45 CH TAPG 50V 10-D | |
| C0333 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0334 | 61407-105-250 | C-CERAMIC.TEMP;CC45 CH TAPG 50V 39-J | |
| C0335 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0336 | 61407-101-200 | C-CERAMIC.TEMP;CC45 SL TAPG 50V 22-J | |
| C0337 | 61407-101-470 | C-CERAMIC.TEMP;CC45 SL TAPG 50V 300-J | |
| C0338 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0339 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0340 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0341 | 61407-101-150 | C-CERAMIC.TEMP;CC45 SL TAPG 50V 15-J | |
| C0342 | 61407-105-300 | C-CERAMIC.TEMP;CC45 CH TAPG 50V 68-J | |
| C0343 | 61407-101-730 | C-CERAMIC.TEMP;CC45 SL TAPG 50V 150-K | |
| C0344 | 61407-101-730 | C-CERAMIC.TEMP;CC45 SL TAPG 50V 150-K | |
| C0345 | 61407-101-240 | C-CERAMIC.TEMP;CC45 SL TAPG 50V 33-J | |
| C0346 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0347 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0348 | 61607-401-471 | C-ELECTROLYTIC;CE04W TAPG 16V 100M(SG) | |
| C0349 | 61607-401-471 | C-ELECTROLYTIC;CE04W TAPG 16V 100M(SG) | |
| C0351 | 61407-101-360 | C-CERAMIC.TEMP;CC45 SL TAPG 50V 100-J | |
| C0352 | 61407-105-690 | C-CERAMIC.TEMP;CC45 CH TAPG 50V 51-J | |
| C0353 | 61607-402-210 | C-ELECTROLYTIC;CE04W TAPG 50V 1M | |
| C0354 | 61507-121-410 | C-POLYESTER;CQ921M TAPG 50V 0.0033M-K | |
| C0355 | 61607-402-210 | C-ELECTROLYTIC;CE04W TAPG 50V 1M | |
| C0356 | 61407-105-160 | C-CERAMIC.TEMP;CC45 CH TAPG 50V 18-J | |
| C0357 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0358 | 61507-121-390 | C-POLYESTER;CQ921M TAPG 100V 0.0022M-K | |
| C0359 | 61607-402-210 | C-ELECTROLYTIC;CE04W TAPG 50V 1M | |
| C0360 | 61407-105-270 | C-CERAMIC.TEMP;CC45 CH TAPG 50V 27-J | |
| C0361 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0362 | 61407-105-690 | C-CERAMIC.TEMP;CC45 CH TAPG 50V 51-J | |
| C0363 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0364 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0365 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0366 | 61407-101-420 | C-CERAMIC.TEMP;CC45 SL TAPG 50V 180-J | |
| C0367 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0368 | 61607-402-210 | C-ELECTROLYTIC;CE04W TAPG 50V 1M | |
| C0369 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0371 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0372 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0373 | 61407-101-360 | C-CERAMIC.TEMP;CC45 SL TAPG 50V 100-J | |
| C0374 | 61607-402-210 | C-ELECTROLYTIC;CE04W TAPG 50V 1M | |
| C0375 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0376 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0377 | 61407-117-120 | C-CERAMIC.AXIAL;TAPG SL 50V 12-J | |
| C0378 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0379 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0380 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0381 | 61607-401-471 | C-ELECTROLYTIC;CE04W TAPG 16V 100M(SG) | |
| C0382 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0383 | 61507-121-571 | C-POLYESTER;CQ921M TAPG 100V 0.068M-J | |
| C0384 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0385 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0386 | 61407-101-510 | C-CERAMIC.TEMP;CC45 SL TAPG 50V 470-J | |
| C0387 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0388 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0389 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0390 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0391 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0392 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0393 | 61607-401-460 | C-ELECTROLYTIC(SG);CE04W TAPG 16V 47M | |
| C0394 | 61607-401-471 | C-ELECTROLYTIC;CE04W TAPG 16V 100M(SG) | |
| C0394 | 61607-401-221 | C-ELECTROLYTIC;CE04W TAPG 10V 220M | |
| C0395 | 61607-402-230 | C-ELECTROLYTIC;CE04W TAPG 50V 3.3M | |
| C0396 | 61607-402-230 | C-ELECTROLYTIC;CE04W TAPG 50V 3.3M | |
| C0397 | 61607-401-630 | C-ELECTROLYTIC;CE04W TAPG 35V 4.7M | |
| C0399 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C3101 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C3102 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C3103 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C3104 | 61407-101-360 | C-CERAMIC.TEMP;CC45 SL TAPG 50V 100-J | |
| C3105 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C3106 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C3107 | 61507-121-340 | C-POLYESTER;CQ921M TAPG 100V 0.001M-K | |
| C3108 | 61407-101-360 | C-CERAMIC.TEMP;CC45 SL TAPG 50V 100-J | |
| C3109 | 61407-105-300 | C-CERAMIC.TEMP;CC45 CH TAPG 50V 68-J | |
| C3110 | 61507-121-920 | C-POLYESTER;CQ921M TAPG 100V 0.1M-M | |
| C3111 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C3113 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C3114 | 61507-121-630 | C-POLTESTER;CQ921M TAPG 100V 0.012MK | |
| C3115 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C3116 | 61407-105-320 | C-CERAMIC.TEMP;CC45 CH TAPG 50V 82-J | |
| C3117 | 61607-401-460 | C-ELECTROLYTIC(SG);CE04W TAPG 16V 47M | |
| C3118 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C3119 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C3120 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C3121 | 61507-121-511 | C-POLTESTER;CQ921M TAPG 100V 0.022M-J | |
| C3123 | 61407-101-510 | C-CERAMIC.TEMP;CC45 SL TAPG 50V 470-J | |

*. S.N.A.:SERVICE NOT AVAILABLE.

| LOCA.NO | PART-NUMBER | DESCRIPTION;SPECIFICATION | REMARK |
|---|---|---|---|
| C3124 | 61407-101-510 | C-CERAMIC.TEMP;CC45 SL TAPG 50V 470-J | |
| C3125 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C3126 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C3127 | 61607-401-460 | C-ELECTROLYTIC(SG);CE04W TAPG 16V 47M | |
| C3129 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C3129 | 61607-401-471 | C-ELECTROLYTIC;CE04W TAPG 16V 100M(SG) | |
| C3130 | 61607-402-230 | C-ELECTROLYTIC;CE04W TAPG 50V 3.3M | |
| C3131 | 61607-402-230 | C-ELECTROLYTIC;CE04W TAPG 50V 3.3M | |
| C3132 | 61607-401-630 | C-ELECTROLYTIC;CE04W TAPG 35V 4.7M | |
| C3133 | 61417-109-220 | C-CERAMIC.HK;CK45 F TAPG 50V 0.022M-Z | |
| C3134 | 61417-109-220 | C-CERAMIC.HK;CK45 F TAPG 50V 0.022M-Z | |
| C3135 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C3136 | 61607-401-460 | C-ELECTROLYTIC(SG);CE04W TAPG 16V 47M | |
| C3137 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C3138 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C3141 | 61607-401-221 | C-ELECTROLYTIC;CE04W TAPG 10V 220M | |
| C3143 | 61607-401-460 | C-ELECTROLYTIC(SG);CE04W TAPG 16V 47M | |
| C3144 | 61607-401-460 | C-ELECTROLYTIC(SG);CE04W TAPG 16V 47M | |
| C3145 | 61607-401-460 | C-ELECTROLYTIC(SG);CE04W TAPG 16V 47M | |
| C3146 | 61607-401-460 | C-ELECTROLYTIC(SG);CE04W TAPG 16V 47M | |
| C3147 | 61607-402-220 | C-ELECTROLYTIC;CE04W TAPG 50V 2.2M | |
| C3148 | 61607-401-630 | C-ELECTROLYTIC;CE04W TAPG 35V 4.7M | |
| C3149 | 61407-101-200 | C-CERAMIC.TEMP;CC45 SL TAPG 50V 22-J | |
| C3150 | 61507-121-511 | C-POLTESTER;CQ92M TAPG 100V 0.022M-J | |
| C3151 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C3152 | 61607-401-471 | C-ELECTROLYTIC;CE04W TAPG 16V 100M(SG) | |
| CN301 | 63349-062-410 | CONNECTOR-WAFER;5267-12A | |
| CN302 | 63349-062-370 | CONNECTOR-WAFER;5267-08A | |
| CN303 | 63349-062-370 | CONNECTOR-WAFER;5267-08A | |
| CN304 | 63349-062-380 | CONNECTOR-WAFER;5267-09A | |
| CN305 | 63349-062-310 | CONNECTOR-WAFER;5267-02A | |
| D0301 | 62169-406-482 | DIODE;1N4148 SAMSUNG | |
| D0302 | 62169-406-482 | DIODE;1N4148 SAMSUNG | |
| D0304 | 62169-406-482 | DIODE;1N4148 SAMSUNG | |
| D0306 | 62169-406-482 | DIODE;1N4148 SAMSUNG | |
| D0307 | 62169-406-482 | DIODE;1N4148 SAMSUNG | |
| D0308 | 62169-406-482 | DIODE;1N4148 SAMSUNG | |
| D0310 | 62169-406-482 | DIODE;1N4148 SAMSUNG | |
| D0311 | 62169-406-482 | DIODE;1N4148 SAMSUNG | |
| D0312 | 62169-406-482 | DIODE;1N4148 SAMSUNG | |
| D0315 | 62169-406-482 | DIODE;1N4148 SAMSUNG | |
| FL0301 | 64529-401-210 | FILTER-LC;SEL 4473 | |
| FL0302 | 64529-431-085 | FILTER LC;SBP 630-T2 | |
| FL0304 | 64569-006-011 | DELAY LINE;MS-31PC-5K | |
| FL0305 | 64529-401-200 | FILTER-LC;SFB 4141 | |
| FL0308 | 64529-416-382 | FILTER LC;B0158-8 1.1M BPF | |
| FL0309 | 62809-006-030 | COIL TUNNING;1.072 MHZ | |
| FL0310 | 62809-006-030 | COIL TUNNING;1.072 MHZ | |
| FL0311 | 62809-006-020 | COIL TUNNING;4.28 MHZ | |
| FL0312 | 62429-038-019 | FILTER-LC;4.3-2 MHZ BPF | |
| FL0313 | 62429-038-014 | FILTER LC;4.3 MHZ BPF | |
| IC0301 | 62119-103-662 | IC;LA7323 | |
| IC0302 | 62119-101-755 | IC;MSM6985-3RS | |
| IC0303 | 62119-101-735 | IC;TA8644N | |
| IC0304 | 62119-103-689 | IC;BA7107S | |
| IC0305 | 62119-103-644 | IC;LA7311 | |
| IC0306 | 62119-103-644 | IC;LA7311 | |
| L0301 | 62427-812-151 | COIL-PEAKING;EL0606RA-151J(150UH) TAPG | |
| L0302 | 62427-812-680 | COIL-PEAKING;EL0606RA-680J(68UH) TAPG | |
| L0303 | 62427-812-680 | COIL-PEAKING;EL0606RA-680J(68UH) TAPG | |
| L0304 | 62427-812-221 | COIL-PEAKING;EL0606RA-221J(220UH) TAPG | |
| L0305 | 62427-812-470 | COIL-PEAKING;EL0606RA-470J(47UH) TAPG | |
| L0306 | 62427-813-330 | COIL-PEAKING;EL0607RA-330K(33UH) TAPG | |
| L0307 | 62427-812-560 | COIL-PEAKING;EL0606RA-560J(56UH) TAPG | |
| L0308 | 62427-812-220 | COIL-PEAKING;EL0606RA-220J(22UH) TAPG | |
| L0309 | 62427-812-221 | COIL-PEAKING;EL0606RA-221J(220UH) TAPG | |
| L0311 | 62427-813-330 | COIL-PEAKING;EL0607RA-330K(33UH) TAPG | |
| L0312 | 62427-813-330 | COIL-PEAKING;EL0607RA-330K(33UH) TAPG | |
| L0313 | 62427-812-820 | COIL-PEAKING;EL0606RA-82UH TAPG | |
| L0314 | 62427-812-271 | COIL-PEAKING;EL0606RA-271J(270UH) TAPG | |
| L0315 | 62427-812-180 | COIL-PEAKING;EL0606RA-180J(18UH) TAPG | |
| L0316 | 62427-812-100 | COIL-PEAKING;EL0606RA-100J(10UH) TAPG | |
| L0317 | 62427-812-470 | COIL-PEAKING;EL0606RA-470J(47UH) TAPG | |
| L0318 | 62427-812-150 | COIL-PEAKING;EL0606RA-150J(15UH) TAPG | |
| L0319 | 62427-812-220 | COIL-PEAKING;EL0606RA-220J(22UH) TAPG | |
| L0319 | 62427-812-221 | COIL-PEAKING;EL0606RA-221J(220UH) TAPG | |
| L0321 | 62429-833-101 | COIL-PEAKING AXIAL;BAL04ST 101K | |
| L0322 | 62429-833-101 | COIL-PEAKING AXIAL;BAL04ST 101K | |
| L0324 | 62429-833-101 | COIL-PEAKING AXIAL;BAL04ST 101K | |
| Q0301 | 62137-103-380 | TRANSISTOR;KSA 733-Y TAPG | |
| Q0302 | 62137-302-740 | TRANSISTOR;KSC 945-Y TAPG | |
| Q0303 | 62137-302-740 | TRANSISTOR;KSC 945-Y TAPG | |
| Q0304 | 62137-103-380 | TRANSISTOR;KSA 733-Y TAPG | |
| Q0305 | 62137-103-380 | TRANSISTOR;KSA 733-Y TAPG | |
| Q0306 | 62137-302-740 | TRANSISTOR;KSC 945-Y TAPG | |
| Q0307 | 62137-302-740 | TRANSISTOR;KSC 945-Y TAPG | |
| Q0308 | 62137-302-740 | TRANSISTOR;KSC 945-Y TAPG | |
| Q0311 | 62137-701-023 | TRANSISTOR;KSR 2004 TAPG | |
| Q0312 | 62137-302-740 | TRANSISTOR;KSC 945-Y TAPG | |
| Q0313 | 62137-701-010 | TRANSISTOR;KSR 1001 TAPG | |
| Q0314 | 62137-302-740 | TRANSISTOR;KSC 945-Y TAPG | |
| Q0315 | 62137-302-740 | TRANSISTOR;KSC 945-Y TAPG | |
| Q0316 | 62137-302-740 | TRANSISTOR;KSC 945-Y TAPG | |
| Q0317 | 62137-103-380 | TRANSISTOR;KSA 733-Y TAPG | |
| Q0317 | 62137-103-380 | TRANSISTOR;KSA 733-Y TAPG | |
| Q0318 | 62137-302-740 | TRANSISTOR;KSC 945-Y TAPG | |
| Q0319 | 62137-701-020 | TRANSISTOR;KSR 2001 TAPG | |
| Q0322 | 62137-701-010 | TRANSISTOR;KSR 1001 TAPG | |
| Q0323 | 62137-302-740 | TRANSISTOR;KSC 945-Y TAPG | |
| Q0324 | 62137-103-380 | TRANSISTOR;KSA 733-Y TAPG | |
| Q0325 | 62137-103-380 | TRANSISTOR;KSA 733-Y TAPG | |
| Q0326 | 62137-103-380 | TRANSISTOR;KSA 733-Y TAPG | |
| Q0327 | 62137-701-010 | TRANSISTOR;KSR 1001 TAPG | |
| Q0328 | 62139-701-055 | TRANSISTOR;KSA928A-Y | |
| R(W53) | 61048-177-100 | R-METAL FILM;RM 1/8TS 10-J | |
| R0301 | 61048-177-272 | R-METAL FILM;RM 1/8TS 2.7K-J | |
| R0302 | 61048-177-681 | R-METAL FILM;RM 1/8TS 680-J | |
| R0303 | 61048-177-332 | R-METAL FILM;RM 1/8TS 3.3K-J | |
| R0304 | 61048-177-105 | R-METAL FILM;RM 1/8TS 1M-J | |
| R0305 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| R0306 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| R0307 | 61048-177-302 | R-METAL FILM;RM 1/8TS 3K-J | |
| R0308 | 61048-177-105 | R-METAL FILM;RM 1/8TS 1M-J | |
| R0309 | 61048-177-202 | R-METAL FILM;RM 1/8TS 2K-J | |
| R0310 | 61048-177-472 | R-METAL FILM;RM 1/8TS 4.7K-J | |
| R0311 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| R0312 | 61048-177-562 | R-METAL FILM;RM 1/8TS 5.6K-J | |
| R0313 | 61048-177-105 | R-METAL FILM;RM 1/8TS 1M-J | |
| R0314 | 61048-177-202 | R-METAL FILM;RM 1/8TS 2K-J | |
| R0315 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| R0316 | 61048-177-222 | R-METAL FILM;RM 1/8TS 2.2K-J | |
| R0317 | 61048-177-682 | R-METAL FILM;RM 1/8TS 6.8K-J | |
| R0318 | 61048-177-122 | R-METAL FILM;RM 1/8TS 1.2K-J | |
| R0319 | 61048-177-333 | R-METAL FILM;RM 1/8TS 33K-J | |
| R0320 | 61048-177-332 | R-METAL FILM;RM 1/8TS 3.3K-J | |
| R0321 | 61048-177-222 | R-METAL FILM;RM 1/8TS 2.2K-J | |
| R0323 | 61048-177-474 | R-METAL FILM;RM 1/8TS 470K-J | |
| R0324 | 61048-177-153 | R-METAL FILM;RM 1/8TS 15K-J | |
| R0325 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| R0327 | 61048-177-153 | R-METAL FILM;RM 1/8TS 15K-J | |
| R0328 | 61048-177-202 | R-METAL FILM;RM 1/8TS 2K-J | |
| R0330 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| R0331 | 61048-177-222 | R-METAL FILM;RM 1/8TS 2.2K-J | |
| R0332 | 61048-177-222 | R-METAL FILM;RM 1/8TS 2.2K-J | |
| R0333 | 61048-177-391 | R-METAL FILM;RM 1/8TS 390-J | |
| R0334 | 61048-177-391 | R-METAL FILM;RM 1/8TS 390-J | |
| R0335 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| R0336 | 61048-177-562 | R-METAL FILM;RM 1/8TS 5.6K-J | |
| R0337 | 61048-177-222 | R-METAL FILM;RM 1/8TS 2.2K-J | |
| R0338 | 61048-177-911 | R-METAL FILM;RM 1/8TS 910-J | |
| R0339 | 61048-177-272 | R-METAL FILM;RM 1/8TS 2.7K-J | |
| R0340 | 61048-177-181 | R-METAL FILM;RM 1/8TS 180-J | |
| R0341 | 61048-177-561 | R-METAL FILM;RM 1/8TS 560-J | |
| R0343 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| R0344 | 61048-177-181 | R-METAL FILM;RM 1/8TS 180-J | |
| R0345 | 61048-177-821 | R-METAL FILM;RM 1/8TS 820-J | |
| R0346 | 61048-177-333 | R-METAL FILM;RM 1/8TS 33K-J | |
| R0347 | 61048-177-333 | R-METAL FILM;RM 1/8TS 33K-J | |
| R0348 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| R0351 | 61048-177-472 | R-METAL FILM;RM 1/8TS 4.7K-J | |
| R0352 | 61048-177-103 | R-METAL FILM;RM 1/8TS 10K-J | |
| R0353 | 61048-177-392 | R-METAL FILM;RM 1/8TS 3.9K-J | |
| R0354 | 61048-177-333 | R-METAL FILM;RM 1/8TS 33K-J | |
| R0355 | 61048-177-202 | R-METAL FILM;RM 1/8TS 2K-J | |
| R0356 | 61048-177-333 | R-METAL FILM;RM 1/8TS 33K-J | |
| R0357 | 61048-177-474 | R-METAL FILM;RM 1/8TS 470K-J | |
| R0358 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| R0359 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| R0360 | 61048-177-223 | R-METAL FILM;RM 1/8TS 22K-J | |
| R0361 | 61048-177-103 | R-METAL FILM;RM 1/8TS 10K-J | |
| R0362 | 61048-177-222 | R-METAL FILM;RM 1/8TS 2.2K-J | |
| R0363 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| R0364 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| R0365 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| R0367 | 61048-177-821 | R-METAL FILM;RM 1/8TS 820-J | |
| R0368 | 61048-177-271 | R-METAL FILM;RM 1/8TS 270-J | |
| R0369 | 61048-177-223 | R-METAL FILM;RM 1/8TS 22K-J | |
| R0371 | 61048-177-222 | R-METAL FILM;RM 1/8TS 2.2K-J | |
| R0372 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| R0373 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| R0374 | 61048-177-393 | R-METAL FILM;RM 1/8TS 39K-J | |
| R0375 | 61048-177-153 | R-METAL FILM;RM 1/8TS 15K-J | |
| R0376 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| R0377 | 61048-177-561 | R-METAL FILM;RM 1/8TS 560-J | |
| R0378 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| R0379 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| R0380 | 61048-177-271 | R-METAL FILM;RM 1/8TS 270-J | |
| R0381 | 61048-177-122 | R-METAL FILM;RM 1/8TS 1.2K-J | |
| R0382 | 61048-177-333 | R-METAL FILM;RM 1/8TS 33K-J | |
| R0384 | 61048-177-473 | R-METAL FILM;RM 1/8TS 47K-J | |

*. S.N.A.:SERVICE NOT AVAILABLE.

| LOCA.NO | PART-NUMBER | DESCRIPTION;SPECIFICATION | REMARK |
|---|---|---|---|
| R0385 | 61048-177-333 | R-METAL FILM;RM 1/8TS 33K-J | |
| R0386 | 61048-177-153 | R-METAL FILM;RM 1/8TS 15K-J | |
| R0387 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| R0390 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| R0391 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| R0392 | 61048-177-331 | R-METAL FILM;RM 1/8TS 330-J | |
| R0393 | 61048-177-821 | R-METAL FILM;RM 1/8TS 820-J | |
| R0394 | 61048-177-105 | R-METAL FILM;RM 1/8TS 1M-J | |
| R0396 | 61048-177-105 | R-METAL FILM;RM 1/8TS 1M-J | |
| R0397 | 61048-177-821 | R-METAL FILM;RM 1/8TS 820-J | |
| R0398 | 61048-177-103 | R-METAL FILM;RM 1/8TS 10K-J | |
| R0399 | 61048-177-223 | R-METAL FILM;RM 1/8TS 22K-J | |
| R3101 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| R3102 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| R3103 | 61048-177-123 | R-METAL FILM;RM 1/8TS 12K-J | |
| R3104 | 61048-177-821 | R-METAL FILM;RM 1/8TS 820-J | |
| R3105 | 61048-177-222 | R-METAL FILM;RM 1/8TS 2.2K-J | |
| R3106 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| R3107 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| R3108 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| R3109 | 61048-177-223 | R-METAL FILM;RM 1/8TS 22K-J | |
| R3110 | 61048-177-271 | R-METAL FILM;RM 1/8TS 270-J | |
| R3111 | 61048-177-680 | R-METAL FILM;RM 1/8TS 68-J | |
| R3112 | 61048-177-152 | R-METAL FILM;RM 1/8TS 1.5K-J | |
| R3113 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| R3114 | 61048-177-681 | R-METAL FILM;RM 1/8TS 680-J | |
| R3115 | 61048-177-123 | R-METAL FILM;RM 1/8TS 12K-J | |
| R3116 | 61048-177-561 | R-METAL FILM;RM 1/8TS 560-J | |
| R3117 | 61048-177-222 | R-METAL FILM;RM 1/8TS 2.2K-J | |
| R3118 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| R3119 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| R3120 | 61048-177-472 | R-METAL FILM;RM 1/8TS 4.7K-J | |
| R3121 | 61048-177-473 | R-METAL FILM;RM 1/8TS 47K-J | |
| R3122 | 61048-177-223 | R-METAL FILM;RM 1/8TS 22K-J | |
| R3123 | 61048-177-821 | R-METAL FILM;RM 1/8TS 820-J | |
| R3124 | 61048-177-271 | R-METAL FILM;RM 1/8TS 270-J | |
| R3125 | 61048-177-223 | R-METAL FILM;RM 1/8TS 22K-J | |
| R3126 | 61048-177-103 | R-METAL FILM;RM 1/8TS 10K-J | |
| R3127 | 61048-177-222 | R-METAL FILM;RM 1/8TS 2.2K-J | |
| R3128 | 61048-177-223 | R-METAL FILM;RM 1/8TS 22K-J | |
| R3129 | 61048-177-103 | R-METAL FILM;RM 1/8TS 10K-J | |
| R3130 | 61048-177-222 | R-METAL FILM;RM 1/8TS 2.2K-J | |
| R3131 | 61048-177-223 | R-METAL FILM;RM 1/8TS 22K-J | |
| R3132 | 61048-177-103 | R-METAL FILM;RM 1/8TS 10K-J | |
| R3133 | 61048-177-222 | R-METAL FILM;RM 1/8TS 2.2K-J | |
| R3134 | 61048-177-105 | R-METAL FILM;RM 1/8TS 1M-J | |
| R3135 | 61048-177-104 | R-METAL FILM;RM 1/8TS 100K-J | |
| R3137 | 61048-177-103 | R-METAL FILM;RM 1/8TS 10K-J | |
| R3138 | 61048-177-821 | R-METAL FILM;RM 1/8TS 820-J | |
| R3139 | 61048-177-223 | R-METAL FILM;RM 1/8TS 22K-J | |
| R3140 | 61048-177-183 | R-METAL FILM;RM 1/8TS 18K-J | |
| R3141 | 61048-177-472 | R-METAL FILM;RM 1/8TS 4.7K-J | |
| R3142 | 61048-177-272 | R-METAL FILM;RM 1/8TS 2.7K-J | |
| R3150 | 61048-177-473 | R-METAL FILM;RM 1/8TS 47K-J | |
| R3151 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| R3152 | 61048-177-103 | R-METAL FILM;RM 1/8TS 10K-J | |
| R3153 | 61048-177-561 | R-METAL FILM;RM 1/8TS 560-J | |
| R3154 | 61048-177-391 | R-METAL FILM;RM 1/8TS 390-J | |
| VR0301 | 61246-105-472 | VR-SEMI;RH0615C 4.7KB | |
| VR0302 | 61246-105-223 | VR-SEMI;RH0615C 22KB | |
| VR0303 | 61246-105-223 | VR-SEMI;RH0615C 22KB | |
| VR0304 | 61246-105-472 | VR-SEMI;RH0615C 4.7KB | |
| VR0305 | 61246-105-102 | VR-SEMI;RH0615C 1KB | |
| VR0306 | 61246-105-102 | VR-SEMI;RH0615C 1KB | |
| VR0307 | 61246-105-103 | VR-SEMI;RH0615C 10KB | |
| VR0308 | 61246-105-223 | VR-SEMI;RH0615C 22KB | |
| XTAL1 | 64539-012-040 | CRYSTAL;4.433619MHZ | |
| | VIDEO PARTS | : USED ONLY FOR VX-8220/8220M/8220E MODEL | |
| | 63005-006-696 | PWB-MAIN(B);94V0 1.6X156X247(VK8220) | S.N.A |
| | 63054-211-090 | WIRE-GND ASSY;1007 #18 190 BLK AA | S.N.A |
| | 63054-211-180 | WIRE-GND ASSY;1007 #18 270 BLK AA | S.N.A |
| | 63054-211-180 | WIRE-GND ASSY;1007 #18 270 BLK AA | S.N.A |
| C0301 | 61407-105-660 | C-CERAMIC.TEMP;CC45 CH TAPG 50V 5-D | |
| C0302 | 61407-101-490 | C-CERAMIC.TEMP;CC45 SL TAPG 50V 390-J | |
| C0303 | 61407-101-240 | C-CERAMIC.TEMP;CC45 SL TAPG 50V 33-J | |
| C0304 | 61407-105-250 | C-CERAMIC.TEMP;CC45 CH TAPG 50V 39-J | |
| C0305 | 61607-402-200 | C-ELECTROLYTIC;CE04W TAPG 50V 0.47M | |
| C0306 | 61607-402-220 | C-ELECTROLYTIC;CE04W TAPG 50V 2.2M | |
| C0307 | 61407-101-440 | C-CERAMIC.TEMP;CC45 SL TAPG 50V 220-J | |
| C0309 | 61607-402-230 | C-ELECTROLYTIC;CE04W TAPG 50V 3.3M | |
| C0310 | 61607-402-210 | C-ELECTROLYTIC;CE04W TAPG 50V 1M | |
| C0311 | 61407-101-240 | C-CERAMIC.TEMP;CC45 SL TAPG 50V 33-J | |
| C0312 | 61407-101-380 | C-CERAMIC.TEMP;CC45 SL TAPG 50V 120-J | |
| C0313 | 61407-105-280 | C-CERAMIC.TEMP;CC45 CH TAPG 50V 56-J | |
| C0315 | 61407-101-200 | C-CERAMIC.TEMP;CC45 SL TAPG 50V 22-J | |
| C0316 | 61407-105-320 | C-CERAMIC.TEMP;CC45 CH TAPG 50V 82-J | |
| C0317 | 61507-121-571 | C-POLYESTER;CQ921M TAPG 100V 0.068M-J | |
| C0318 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0319 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0320 | 61607-401-430 | C-ELECTROLYTIC;CE04W TAPG 25V 10M | |
| C0321 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0323 | 61607-401-471 | C-ELECTROLYTIC;CE04W TAPG 16V 100M(SG) | |
| C0325 | 61607-401-440 | C-ELECTROLYTIC;CE04W TAPG 16V 22M | |
| C0326 | 61607-402-200 | C-ELECTROLYTIC;CE04W TAPG 50V 0.47M | |
| C0327 | 61607-401-430 | C-ELECTROLYTIC;CE04W TAPG 25V 10M | |
| C0328 | 61607-401-460 | C-ELECTROLYTIC(SG);CE04W TAPG 16V 47M | |
| C0329 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0330 | 61407-101-470 | C-CERAMIC.TEMP;CC45 SL TAPG 50V 300-J | |
| C0331 | 61407-105-320 | C-CERAMIC.TEMP;CC45 CH TAPG 50V 82-J | |
| C0332 | 61407-105-860 | C-CERAMIC.TEMP;CC45 CH TAPG 50V 10-D | |
| C0333 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0334 | 61407-105-250 | C-CERAMIC.TEMP;CC45 CH TAPG 50V 39-J | |
| C0335 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0336 | 61407-101-200 | C-CERAMIC.TEMP;CC45 SL TAPG 50V 22-J | |
| C0337 | 61407-101-470 | C-CERAMIC.TEMP;CC45 SL TAPG 50V 300-J | |
| C0338 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0339 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0340 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0341 | 61407-101-150 | C-CERAMIC.TEMP;CC45 SL TAPG 50V 15-J | |
| C0342 | 61407-105-380 | C-CERAMIC.TEMP;CC45 CH TAPG 50V 68-J | |
| C0343 | 61407-101-730 | C-CERAMIC.TEMP;CC45 SL TAPG 50V 150-K | |
| C0344 | 61407-101-730 | C-CERAMIC.TEMP;CC45 SL TAPG 50V 150-K | |
| C0345 | 61407-101-240 | C-CERAMIC.TEMP;CC45 SL TAPG 50V 33-J | |
| C0346 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0347 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0348 | 61607-401-471 | C-ELECTROLYTIC;CE04W TAPG 16V 100M(SG) | |
| C0349 | 61607-401-471 | C-ELECTROLYTIC;CE04W TAPG 16V 100M(SG) | |
| C0351 | 61407-101-360 | C-CERAMIC.TEMP;CC45 SL TAPG 50V 100-J | |
| C0352 | 61407-105-690 | C-CERAMIC.TEMP;CC45 CH TAPG 50V 51-J | |
| C0353 | 61607-402-210 | C-ELECTROLYTIC;CE04W TAPG 50V 1M | |
| C0354 | 61507-121-410 | C-POLYESTER;CQ921M TAPG 50V 0.0033M-K | |
| C0355 | 61607-402-210 | C-ELECTROLYTIC;CE04W TAPG 50V 1M | |
| C0356 | 61407-105-160 | C-CERAMIC.TEMP;CC45 CH TAPG 50V 18-J | |
| C0357 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0358 | 61507-121-390 | C-POLYESTER;CQ921M TAPG 100V 0.0022M-K | |
| C0359 | 61607-402-210 | C-ELECTROLYTIC;CE04W TAPG 50V 1M | |
| C0360 | 61407-105-270 | C-CERAMIC.TEMP;CC45 CH TAPG 50V 27-J | |
| C0361 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0362 | 61407-105-690 | C-CERAMIC.TEMP;CC45 CH TAPG 50V 51-J | |
| C0363 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0364 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0365 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0366 | 61407-101-420 | C-CERAMIC.TEMP;CC45 SL TAPG 50V 180-J | |
| C0367 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0368 | 61607-402-210 | C-ELECTROLYTIC;CE04W TAPG 50V 1M | |
| C0369 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0371 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0372 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0373 | 61407-101-360 | C-CERAMIC.TEMP;CC45 SL TAPG 50V 100-J | |
| C0374 | 61607-402-210 | C-ELECTROLYTIC;CE04W TAPG 50V 1M | |
| C0375 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0376 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0377 | 61407-117-120 | C-CERAMIC.AXIAL;TAPG SL 50V 12-J | |
| C0378 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0379 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0380 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0381 | 61607-401-471 | C-ELECTROLYTIC;CE04W TAPG 16V 100M(SG) | |
| C0382 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0383 | 61507-121-571 | C-POLYESTER;CQ921M TAPG 100V 0.068M-J | |
| C0384 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0385 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0386 | 61407-101-510 | C-CERAMIC.TEMP;CC45 SL TAPG 50V 470-J | |
| C0387 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0388 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0389 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0390 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0391 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0392 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0393 | 61607-401-460 | C-ELECTROLYTIC(SG);CE04W TAPG 16V 47M | |
| C0394 | 61607-401-221 | C-ELECTROLYTIC;CE04W TAPG 10V 220M | |
| C0394 | 61607-401-471 | C-ELECTROLYTIC;CE04W TAPG 16V 100M(SG) | |
| C0395 | 61607-402-230 | C-ELECTROLYTIC;CE04W TAPG 50V 3.3M | |
| C0396 | 61607-402-230 | C-ELECTROLYTIC;CE04W TAPG 50V 3.3M | |
| C0397 | 61607-401-630 | C-ELECTROLYTIC;CE04W TAPG 35V 4.7M | |
| C0399 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C3143 | 61607-401-460 | C-ELECTROLYTIC(SG);CE04W TAPG 16V 47M | |
| C3144 | 61607-401-460 | C-ELECTROLYTIC(SG);CE04W TAPG 16V 47M | |
| C3145 | 61607-401-460 | C-ELECTROLYTIC(SG);CE04W TAPG 16V 47M | |
| C3146 | 61607-401-460 | C-ELECTROLYTIC(SG);CE04W TAPG 16V 47M | |
| C3147 | 61607-402-220 | C-ELECTROLYTIC;CE04W TAPG 50V 2.2M | |
| C3148 | 61607-401-630 | C-ELECTROLYTIC;CE04W TAPG 35V 4.7M | |
| C3149 | 61407-101-200 | C-CERAMIC.TEMP;CC45 SL TAPG 50V 22-J | |
| C3150 | 61507-121-511 | C-POLYESTER;CQ921M TAPG 100V 0.022M-J | |
| C3151 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C3152 | 61607-401-471 | C-ELECTROLYTIC;CE04W TAPG 16V 100M(SG) | |
| CN301 | 63349-062-410 | CONNECTOR-WAFER;5267-12A | |
| CN302 | 63349-062-370 | CONNECTOR-WAFER;5267-08A | |
| CN303 | 63349-062-370 | CONNECTOR-WAFER;5267-08A | |

*.S.N.A : SERVICE NOT AVAILABLE.

| LOCA.NO | PART-NUMBER | DESCRIPTION;SPECIFICATION | REMARK |
|---|---|---|---|
| CN304 | 63349-062-380 | CONNECTOR-WAFER;5267-09A | |
| D0301 | 62169-406-482 | DIODE;1N4148 SAMSUNG | |
| D0302 | 62169-406-482 | DIODE;1N4148 SAMSUNG | |
| D0304 | 62169-406-482 | DIODE;1N4148 SAMSUNG | |
| D0306 | 62169-406-482 | DIODE;1N4148 SAMSUNG | |
| D0307 | 62169-406-482 | DIODE;1N4148 SAMSUNG | |
| D0308 | 62169-406-482 | DIODE;1N4148 SAMSUNG | |
| FL0301 | 64529-401-210 | FILTER-LC;SEL 4473 | |
| FL0302 | 64529-431-085 | FILTER LC;SBP 630-T2 | |
| FL0304 | 64569-006-011 | DELAY LINE;MS-31PC-5K | |
| FL0305 | 64529-401-200 | FILTER-LC;SFB 4141 | |
| IC0301 | 62119-103-662 | IC;LA7323 | |
| IC0302 | 62119-101-755 | IC;MSM6965-3RS | |
| IC0303 | 62119-101-735 | IC;TA8644N | |
| IC0305 | 62119-103-644 | IC;LA7311 | |
| L0301 | 62427-812-151 | COIL-PEAKING;EL0606RA-151J(150UH) TAPG | |
| L0302 | 62427-812-680 | COIL-PEAKING;EL0606RA-680J(68UH) TAPG | |
| L0303 | 62427-812-680 | COIL-PEAKING;EL0606RA-680J(68UH) TAPG | |
| L0304 | 62427-812-221 | COIL-PEAKING;EL0606RA-221J(220UH) TAPG | |
| L0305 | 62427-812-470 | COIL-PEAKING;EL0606RA-470J(47UH) TAPG | |
| L0306 | 62427-812-330 | COIL-PEAKING;EL0606RA-33UH TAPG | |
| L0307 | 62427-812-560 | COIL-PEAKING;EL0606RA-560J(56UH) TAPG | |
| L0308 | 62427-812-220 | COIL-PEAKING;EL0606RA-220J(22UH) TAPG | |
| L0309 | 62427-812-221 | COIL-PEAKING;EL0606RA-221J(220UH) TAPG | |
| L0311 | 62427-812-220 | COIL-PEAKING;EL0606RA-220J(22UH) TAPG | |
| L0311 | 62427-812-330 | COIL-PEAKING;EL0606RA-33UH TAPG | |
| L0312 | 62427-812-330 | COIL-PEAKING;EL0606RA-33UH TAPG | |
| L0313 | 62427-812-820 | COIL-PEAKING;EL0606RA-82UH TAPG | |
| L0314 | 62427-812-271 | COIL-PEAKING;EL0606RA-271J(270UH) TAPG | |
| L0315 | 62427-812-180 | COIL-PEAKING;EL0606RA-180J(18UH) TAPG | |
| L0316 | 62427-812-100 | COIL-PEAKING;EL0606RA-100J(10UH) TAPG | |
| L0317 | 62427-812-470 | COIL-PEAKING;EL0606RA-470J(47UH) TAPG | |
| L0318 | 62427-812-150 | COIL-PEAKING;EL0606RA-150J(150H) TAPG | |
| L0321 | 62427-814-101 | COIL-PEAKING AXIAL;BAL03 TAPG 101K | |
| L0322 | 62427-814-101 | COIL-PEAKING AXIAL;BAL03 TAPG 101K | |
| L0324 | 62427-814-101 | COIL-PEAKING AXIAL;BAL03 TAPG 101K | |
| Q0301 | 62137-103-380 | TRANSISTOR;KSA 733-Y TAPG | |
| Q0302 | 62137-302-740 | TRANSISTOR;KSC 945-Y TAPG | |
| Q0303 | 62137-302-740 | TRANSISTOR;KSC 945-Y TAPG | |
| Q0304 | 62137-103-380 | TRANSISTOR;KSA 733-Y TAPG | |
| Q0305 | 62137-103-380 | TRANSISTOR;KSA 733-Y TAPG | |
| Q0306 | 62137-302-740 | TRANSISTOR;KSC 945-Y TAPG | |
| Q0307 | 62137-302-740 | TRANSISTOR;KSC 945-Y TAPG | |
| Q0308 | 62137-302-740 | TRANSISTOR;KSC 945-Y TAPG | |
| Q0311 | 62137-701-023 | TRANSISTOR;KSR 2004 TAPG | |
| Q0312 | 62137-302-740 | TRANSISTOR;KSC 945-Y TAPG | |
| Q0313 | 62137-701-010 | TRANSISTOR;KSR 1001 TAPG | |
| Q0314 | 62137-302-740 | TRANSISTOR;KSC 945-Y TAPG | |
| Q0315 | 62137-302-740 | TRANSISTOR;KSC 945-Y TAPG | |
| Q0316 | 62137-302-740 | TRANSISTOR;KSC 945-Y TAPG | |
| Q0317 | 62137-103-380 | TRANSISTOR;KSA 733-Y TAPG | |
| Q0318 | 62137-302-740 | TRANSISTOR;KSC 945-Y TAPG | |
| Q0319 | 62137-701-020 | TRANSISTOR;KSR 2001 TAPG | |
| R0301 | 61048-177-272 | R-METAL FILM;RM 1/8TS 2.7K-J | |
| R0302 | 61048-177-681 | R-METAL FILM;RM 1/8TS 680-J | |
| R0303 | 61048-177-332 | R-METAL FILM;RM 1/8TS 3.3K-J | |
| R0304 | 61048-177-105 | R-METAL FILM;RM 1/8TS 1M-J | |
| R0305 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| R0306 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| R0307 | 61048-177-302 | R-METAL FILM;RM 1/8TS 3K-J | |
| R0308 | 61048-177-105 | R-METAL FILM;RM 1/8TS 1M-J | |
| R0309 | 61048-177-202 | R-METAL FILM;RM 1/8TS 2K-J | |
| R0310 | 61048-177-472 | R-METAL FILM;RM 1/8TS 4.7K-J | |
| R0311 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| R0312 | 61048-177-562 | R-METAL FILM;RM 1/8TS 5.6K-J | |
| R0313 | 61048-177-105 | R-METAL FILM;RM 1/8TS 1M-J | |
| R0314 | 61048-177-202 | R-METAL FILM;RM 1/8TS 2K-J | |
| R0315 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| R0316 | 61048-177-222 | R-METAL FILM;RM 1/8TS 2.2K-J | |
| R0317 | 61048-177-682 | R-METAL FILM;RM 1/8TS 6.8K-J | |
| R0318 | 61048-177-122 | R-METAL FILM;RM 1/8TS 1.2K-J | |
| R0319 | 61048-177-333 | R-METAL FILM;RM 1/8TS 33K-J | |
| R0320 | 61048-177-332 | R-METAL FILM;RM 1/8TS 3.3K-J | |
| R0321 | 61048-177-222 | R-METAL FILM;RM 1/8TS 2.2K-J | |
| R0323 | 61048-177-474 | R-METAL FILM;RM 1/8TS 470K-J | |
| R0324 | 61048-177-153 | R-METAL FILM;RM 1/8TS 15K-J | |
| R0325 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| R0327 | 61048-177-153 | R-METAL FILM;RM 1/8TS 15K-J | |
| R0328 | 61048-177-202 | R-METAL FILM;RM 1/8TS 2K-J | |
| R0330 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| R0331 | 61048-177-222 | R-METAL FILM;RM 1/8TS 2.2K-J | |
| R0332 | 61048-177-222 | R-METAL FILM;RM 1/8TS 2.2K-J | |
| R0333 | 61048-177-391 | R-METAL FILM;RM 1/8TS 390-J | |
| R0334 | 61048-177-391 | R-METAL FILM;RM 1/8TS 390-J | |
| R0335 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| R0336 | 61048-177-562 | R-METAL FILM;RM 1/8TS 5.6K-J | |
| R0337 | 61048-177-222 | R-METAL FILM;RM 1/8TS 2.2K-J | |
| R0338 | 61048-177-911 | R-METAL FILM;RM 1/8TS 910-J | |
| R0339 | 61048-177-272 | R-METAL FILM;RM 1/8TS 2.7K-J | |
| R0340 | 61048-177-181 | R-METAL FILM;RM 1/8TS 180-J | |
| R0341 | 61048-177-561 | R-METAL FILM;RM 1/8TS 560-J | |
| R0343 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| R0344 | 61048-177-181 | R-METAL FILM;RM 1/8TS 180-J | |
| R0345 | 61048-177-821 | R-METAL FILM;RM 1/8TS 820-J | |
| R0346 | 61048-177-333 | R-METAL FILM;RM 1/8TS 33K-J | |
| R0347 | 61048-177-333 | R-METAL FILM;RM 1/8TS 33K-J | |
| R0348 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| R0351 | 61048-177-472 | R-METAL FILM;RM 1/8TS 4.7K-J | |
| R0352 | 61048-177-103 | R-METAL FILM;RM 1/8TS 10K-J | |
| R0353 | 61048-177-392 | R-METAL FILM;RM 1/8TS 3.9K-J | |
| R0354 | 61048-177-333 | R-METAL FILM;RM 1/8TS 33K-J | |
| R0355 | 61048-177-202 | R-METAL FILM;RM 1/8TS 2K-J | |
| R0356 | 61048-177-333 | R-METAL FILM;RM 1/8TS 33K-J | |
| R0357 | 61048-177-474 | R-METAL FILM;RM 1/8TS 470K-J | |
| R0358 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| R0359 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| R0360 | 61048-177-223 | R-METAL FILM;RM 1/8TS 22K-J | |
| R0361 | 61048-177-103 | R-METAL FILM;RM 1/8TS 10K-J | |
| R0362 | 61048-177-222 | R-METAL FILM;RM 1/8TS 2.2K-J | |
| R0363 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| R0364 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| R0365 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| R0367 | 61048-177-821 | R-METAL FILM;RM 1/8TS 820-J | |
| R0368 | 61048-177-271 | R-METAL FILM;RM 1/8TS 270-J | |
| R0369 | 61048-177-223 | R-METAL FILM;RM 1/8TS 22K-J | |
| R0371 | 61048-177-222 | R-METAL FILM;RM 1/8TS 2.2K-J | |
| R0372 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| R0373 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| R0374 | 61048-177-393 | R-METAL FILM;RM 1/8TS 39K-J | |
| R0375 | 61048-177-153 | R-METAL FILM;RM 1/8TS 15K-J | |
| R0376 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| R0377 | 61048-177-561 | R-METAL FILM;RM 1/8TS 560-J | |
| R0378 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| R0379 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| R0380 | 61048-177-271 | R-METAL FILM;RM 1/8TS 270-J | |
| R0381 | 61048-177-122 | R-METAL FILM;RM 1/8TS 1.2K-J | |
| R0382 | 61048-177-333 | R-METAL FILM;RM 1/8TS 33K-J | |
| R0384 | 61048-177-473 | R-METAL FILM;RM 1/8TS 47K-J | |
| R0385 | 61048-177-333 | R-METAL FILM;RM 1/8TS 33K-J | |
| R0386 | 61048-177-153 | R-METAL FILM;RM 1/8TS 15K-J | |
| R0387 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| R0390 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| R0391 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| R0392 | 61048-177-331 | R-METAL FILM;RM 1/8TS 330-J | |
| R0393 | 61048-177-821 | R-METAL FILM;RM 1/8TS 820-J | |
| R0394 | 61048-177-105 | R-METAL FILM;RM 1/8TS 1M-J | |
| R0396 | 61048-177-105 | R-METAL FILM;RM 1/8TS 1M-J | |
| R0397 | 61048-177-821 | R-METAL FILM;RM 1/8TS 820-J | |
| R0398 | 61048-177-103 | R-METAL FILM;RM 1/8TS 10K-J | |
| R0399 | 61048-177-223 | R-METAL FILM;RM 1/8TS 22K-J | |
| R3109 | 61048-177-223 | R-METAL FILM;RM 1/8TS 22K-J | |
| R3150 | 61048-177-473 | R-METAL FILM;RM 1/8TS 47K-J | |
| R3152 | 61048-177-103 | R-METAL FILM;RM 1/8TS 10K-J | |
| R3153 | 61048-177-561 | R-METAL FILM;RM 1/8TS 560-J | |
| R3154 | 61048-177-391 | R-METAL FILM;RM 1/8TS 390-J | |
| VR0301 | 61246-105-472 | VR-SEMI;RH0615C 4.7KB | |
| VR0302 | 61246-105-223 | VR-SEMI;RH0615C 22KB | |
| VR0303 | 61246-105-223 | VR-SEMI;RH0615C 22KB | |
| VR0304 | 61246-105-472 | VR-SEMI;RH0615C 4.7KB | |
| VR0305 | 61246-105-102 | VR-SEMI;RH0615C 1KB | |
| VR0306 | 61246-105-102 | VR-SEMI;RH0615C 1KB | |
| VR0307 | 61246-105-103 | VR-SEMI;RH0615C 10KB | |
| XTAL1 | 64539-012-040 | CRYSTAL;4.433619MHZ | |
| | | | |
| | | | |
| MAIN-B | VIDEO PARTS | : USED ONLY FOR VI-8220.VB-8220A MODEL | |
| | 63005-006-696 | PWB MAIN(B);94V0 1.6X156X247(VK8220) | S.N.A |
| | 63054-211-180 | WIRE-GND ASSY;1007 #18 270 BLK AA | S.N.A |
| | 63304-113-621 | CONNECTOR-TERMINAL;5033-4T | |
| | 63304-113-621 | CONNECTOR-TERMINAL;5033-4T | |
| | 63054-211-180 | WIRE-GND ASSY;1007 #18 270 BLK AA | S.N.A |
| C0301 | 61407-105-660 | C-CERAMIC.TEMP;CC45 CH TAPG 50V 5-D | |
| C0302 | 61407-101-490 | C-CERAMIC.TEMP;CC45 SL TAPG 50V 390-J | |
| C0303 | 61407-101-240 | C-CERAMIC.TEMP;CC45 SL TAPG 50V 33-J | |
| C0304 | 61407-105-250 | C-CERAMIC.TEMP;CC45 CH TAPG 50V 39-J | |
| C0305 | 61607-402-200 | C-ELECTROLYTIC;CE04W TAPG 50V 0.47M | |
| C0306 | 61607-402-220 | C-ELECTROLYTIC;CE04W TAPG 50V 2.2M | |
| C0307 | 61407-101-440 | C-CERAMIC.TEMP;CC45 SL TAPG 50V 220-J | |
| C0308 | 61407-105-470 | C-CERAMIC.TEMP;50V CH TAPG 47J | |
| C0309 | 61607-402-230 | C-ELECTROLYTIC;CE04W TAPG 50V 3.3M | |
| C0310 | 61607-402-210 | C-ELECTROLYTIC;CE04W TAPG 50V 1M | |
| C0311 | 61407-101-240 | C-CERAMIC.TEMP;CC45 SL TAPG 50V 33-J | |
| C0312 | 61407-101-380 | C-CERAMIC.TEMP;CC45 SL TAPG 50V 120-J | |
| C0313 | 61407-105-280 | C-CERAMIC.TEMP;CC45 CH TAPG 50V 56-J | |
| C0315 | 61407-101-200 | C-CERAMIC.TEMP;CC45 SL TAPG 50V 22-J | |
| C0316 | 61407-105-320 | C-CERAMIC.TEMP;CC45 CH TAPG 50V 82-J | |
| C0317 | 61597-121-571 | C-POLYESTER;CQ921M TAPG 100V 0.068M-J | |
| C0318 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |

*.S.N.A : SERVICE NOT AVAILABLE.

| LOCA.NO | PART-NUMBER | DESCRIPTION;SPECIFICATION | REMARK |
|---|---|---|---|
| C0319 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0320 | 61607-401-430 | C-ELECTROLYTIC;CE04W TAPG 25V 10M | |
| C0321 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0323 | 61607-161-101 | C-ELECTROLYTIC;CE04W TAPG 10V 100M(LL) | |
| C0325 | 61607-401-440 | C-ELECTROLYTIC;CE04W TAPG 16V 22M | |
| C0326 | 61607-402-200 | C-ELECTROLYTIC;CE04W TAPG 50V 0.47M | |
| C0327 | 61607-401-430 | C-ELECTROLYTIC;CE04W TAPG 25V 10M | |
| C0328 | 61607-401-460 | C-ELECTROLYTIC(SG);CE04W TAPG 16V 47M | |
| C0329 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0330 | 61407-101-470 | C-CERAMIC.TEMP;CC45 SL TAPG 50V 300-J | |
| C0331 | 61407-105-320 | C-CERAMIC.TEMP;CC45 CH TAPG 50V 82-J | |
| C0332 | 61407-105-860 | C-CERAMIC.TEMP;CC45 CH TAPG 50V 10-D | |
| C0333 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0334 | 61407-105-250 | C-CERAMIC.TEMP;CC45 CH TAPG 50V 39-J | |
| C0335 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0336 | 61407-101-200 | C-CERAMIC.TEMP;CC45 SL TAPG 50V 22-J | |
| C0337 | 61407-101-470 | C-CERAMIC.TEMP;CC45 SL TAPG 50V 300-J | |
| C0338 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0339 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0340 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0341 | 61407-101-150 | C-CERAMIC.TEMP;CC45 SL TAPG 50V 15-J | |
| C0342 | 61407-105-380 | C-CERAMIC.TEMP;CC45 CH TAPG 50V 68-J | |
| C0343 | 61407-101-730 | C-CERAMIC.TEMP;CC45 SL TAPG 50V 150-K | |
| C0344 | 61407-101-730 | C-CERAMIC.TEMP;CC45 SL TAPG 50V 150-K | |
| C0345 | 61407-101-240 | C-CERAMIC.TEMP;CC45 SL TAPG 50V 33-J | |
| C0346 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0347 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0348 | 61607-161-101 | C-ELECTROLYTIC;CE04W TAPG 10V 100M(LL) | |
| C0349 | 61607-161-101 | C-ELECTROLYTIC;CE04W TAPG 10V 100M(LL) | |
| C0352 | 61407-105-690 | C-CERAMIC.TEMP;CC45 CH TAPG 50V 51-J | |
| C0353 | 61607-402-210 | C-ELECTROLYTIC;CE04W TAPG 50V 1M | |
| C0354 | 61507-121-410 | C-POLYESTER;CQ921M TAPG 50V 0.0033M-K | |
| C0355 | 61607-402-210 | C-ELECTROLYTIC;CE04W TAPG 50V 1M | |
| C0356 | 61407-105-160 | C-CERAMIC.TEMP;CC45 CH TAPG 50V 18-J | |
| C0357 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0358 | 61507-121-390 | C-POLYESTER;CQ921M TAPG 100V 0.0022M-K | |
| C0359 | 61607-402-210 | C-ELECTROLYTIC;CE04W TAPG 50V 1M | |
| C0360 | 61407-105-270 | C-CERAMIC.TEMP;CC45 CH TAPG 50V 27-J | |
| C0361 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0362 | 61407-105-690 | C-CERAMIC.TEMP;CC45 CH TAPG 50V 51-J | |
| C0363 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0364 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0365 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0366 | 61407-101-420 | C-CERAMIC.TEMP;CC45 SL TAPG 50V 180-J | |
| C0367 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0368 | 61607-402-210 | C-ELECTROLYTIC;CE04W TAPG 50V 1M | |
| C0369 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0371 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0372 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0373 | 61407-101-360 | C-CERAMIC.TEMP;CC45 SL TAPG 50V 100-J | |
| C0374 | 61607-402-210 | C-ELECTROLYTIC;CE04W TAPG 50V 1M | |
| C0375 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0376 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0377 | 61407-117-120 | C-CERAMIC.AXIAL;TAPG SL 50V 12-J | |
| C0378 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0379 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0380 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0381 | 61607-161-101 | C-ELECTROLYTIC;CE04W TAPG 10V 100M(LL) | |
| C0382 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0383 | 61507-121-571 | C-POLYESTER;CQ921M TAPG 100V 0.068M-J | |
| C0384 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0385 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0386 | 61407-101-510 | C-CERAMIC.TEMP;CC45 SL TAPG 50V 470-J | |
| C0387 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0388 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0389 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0399 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C3143 | 61607-401-460 | C-ELECTROLYTIC(SG);CE04W TAPG 16V 47M | |
| C3144 | 61607-401-460 | C-ELECTROLYTIC(SG);CE04W TAPG 16V 47M | |
| C3145 | 61607-401-460 | C-ELECTROLYTIC(SG);CE04W TAPG 16V 47M | |
| C3146 | 61607-401-460 | C-ELECTROLYTIC(SG);CE04W TAPG 16V 47M | |
| C3147 | 61607-402-220 | C-ELECTROLYTIC;CE04W TAPG 50V 2.2M | |
| C3148 | 61607-401-630 | C-ELECTROLYTIC;CE04W TAPG 35V 4.7M | |
| C3149 | 61407-101-200 | C-CERAMIC.TEMP;CC45 SL TAPG 50V 22-J | |
| C3151 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C3152 | 61607-161-101 | C-ELECTROLYTIC;CE04W TAPG 10V 100M(LL) | |
| CN301 | 63349-062-410 | CONNECTOR-WAFER;5267-12A | |
| CN302 | 63349-062-370 | CONNECTOR-WAFER;5267-08A | |
| CN303 | 63349-062-370 | CONNECTOR-WAFER;5267-08A | |
| CN304 | 63349-062-380 | CONNECTOR-WAFER;5267-09A | |
| D0301 | 62169-406-482 | DIODE;1N4148 SAMSUNG | |
| D0302 | 62169-406-482 | DIODE;1N4148 SAMSUNG | |
| D0304 | 62169-406-482 | DIODE;1N4148 SAMSUNG | |
| D0306 | 62169-406-482 | DIODE;1N4148 SAMSUNG | |
| FL0301 | 64529-401-210 | FILTER-LC;SEL 4473 | |
| FL0302 | 64529-431-085 | FILTER LC;SBP 630-T2 | |
| FL0304 | 64569-006-011 | DELAY LINE;MS-31PC-5K | |
| FL0305 | 64529-401-200 | FILTER-LC;SFB 4141 | |
| IC0301 | 62119-103-662 | IC;LA7323 | |
| IC0302 | 62119-101-755 | IC;MSM6965-3RS | |
| IC0303 | 62119-101-735 | IC;TA8644N | |
| L0301 | 62427-812-151 | COIL-PEAKING;EL0606RA-151J(150UH) TAPG | |
| L0302 | 62427-812-680 | COIL-PEAKING;EL0606RA-680J(68UH) TAPG | |
| L0303 | 62427-812-680 | COIL-PEAKING;EL0606RA-680J(68UH) TAPG | |
| L0304 | 62427-812-221 | COIL-PEAKING;EL0606RA-221J(220UH) TAPG | |
| L0305 | 62427-812-470 | COIL-PEAKING;EL0606RA-470J(47UH) TAPG | |
| L0306 | 62427-812-330 | COIL-PEAKING;EL0606RA-330H TAPG | |
| L0307 | 62427-812-560 | COIL-PEAKING;EL0606RA-560J(56UH) TAPG | |
| L0308 | 62427-812-220 | COIL-PEAKING;EL0606RA-220J(22UH) TAPG | |
| L0309 | 62427-812-221 | COIL-PEAKING;EL0606RA-221J(220UH) TAPG | |
| L0311 | 62427-812-330 | COIL-PEAKING;EL0606RA-330H TAPG | |
| L0312 | 62427-812-330 | COIL-PEAKING;EL0606RA-330H TAPG | |
| L0313 | 62427-812-820 | COIL-PEAKING;EL0606RA-820H TAPG | |
| L0314 | 62427-812-271 | COIL-PEAKING;EL0606RA-271J(270UH) TAPG | |
| L0315 | 62427-812-180 | COIL-PEAKING;EL0606RA-180J(18UH) TAPG | |
| L0316 | 62427-812-100 | COIL-PEAKING;EL0606RA-100J(10UH) TAPG | |
| L0317 | 62427-812-470 | COIL-PEAKING;EL0606RA-470J(47UH) TAPG | |
| L0318 | 62427-812-150 | COIL-PEAKING;EL0606RA-150J(15UH) TAPG | |
| L0321 | 62427-814-101 | COIL-PEAKING AXIAL;BAL03 TAPG 101K | |
| L0322 | 62427-814-101 | COIL-PEAKING AXIAL;BAL03 TAPG 101K | |
| L0324 | 62427-814-101 | COIL-PEAKING AXIAL;BAL03 TAPG 101K | |
| Q0301 | 62137-103-380 | TRANSISTOR;KSA 733-Y TAPG | |
| Q0302 | 62137-302-740 | TRANSISTOR;KSC 945-Y TAPG | |
| Q0303 | 62137-302-740 | TRANSISTOR;KSC 945-Y TAPG | |
| Q0304 | 62137-103-380 | TRANSISTOR;KSA 733-Y TAPG | |
| Q0305 | 62137-103-380 | TRANSISTOR;KSA 733-Y TAPG | |
| Q0306 | 62137-302-740 | TRANSISTOR;KSC 945-Y TAPG | |
| Q0307 | 62137-302-740 | TRANSISTOR;KSC 945-Y TAPG | |
| Q0308 | 62137-302-740 | TRANSISTOR;KSC 945-Y TAPG | |
| Q0311 | 62137-701-023 | TRANSISTOR;KSR 2004 TAPG | |
| Q0312 | 62137-302-740 | TRANSISTOR;KSC 945-Y TAPG | |
| Q0313 | 62137-701-010 | TRANSISTOR;KSR 1001 TAPG | |
| Q0314 | 62137-302-740 | TRANSISTOR;KSC 945-Y TAPG | |
| Q0315 | 62137-302-740 | TRANSISTOR;KSC 945-Y TAPG | |
| Q0316 | 62137-302-740 | TRANSISTOR;KSC 945-Y TAPG | |
| Q0317 | 62137-103-380 | TRANSISTOR;KSA 733-Y TAPG | |
| Q0318 | 62137-302-740 | TRANSISTOR;KSC 945-Y TAPG | |
| R0301 | 61048-177-272 | R-METAL FILM;RM 1/8TS 2.7K-J | |
| R0302 | 61048-177-681 | R-METAL FILM;RM 1/8TS 680-J | |
| R0303 | 61048-177-332 | R-METAL FILM;RM 1/8TS 3.3K-J | |
| R0304 | 61048-177-105 | R-METAL FILM;RM 1/8TS 1M-J | |
| R0305 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| R0306 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| R0307 | 61048-177-302 | R-METAL FILM;RM 1/8TS 3K-J | |
| R0308 | 61048-177-105 | R-METAL FILM;RM 1/8TS 1M-J | |
| R0309 | 61048-177-202 | R-METAL FILM;RM 1/8TS 2K-J | |
| R0310 | 61048-177-472 | R-METAL FILM;RM 1/8TS 4.7K-J | |
| R0311 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| R0312 | 61048-177-562 | R-METAL FILM;RM 1/8TS 5.6K-J | |
| R0313 | 61048-177-105 | R-METAL FILM;RM 1/8TS 1M-J | |
| R0314 | 61048-177-202 | R-METAL FILM;RM 1/8TS 2K-J | |
| R0315 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| R0316 | 61048-177-222 | R-METAL FILM;RM 1/8TS 2.2K-J | |
| R0317 | 61048-177-682 | R-METAL FILM;RM 1/8TS 6.8K-J | |
| R0318 | 61048-177-122 | R-METAL FILM;RM 1/8TS 1.2K-J | |
| R0319 | 61048-177-333 | R-METAL FILM;RM 1/8TS 33K-J | |
| R0320 | 61048-177-332 | R-METAL FILM;RM 1/8TS 3.3K-J | |
| R0321 | 61048-177-222 | R-METAL FILM;RM 1/8TS 2.2K-J | |
| R0323 | 61048-177-474 | R-METAL FILM;RM 1/8TS 470K-J | |
| R0324 | 61048-177-153 | R-METAL FILM;RM 1/8TS 15K-J | |
| R0325 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| R0327 | 61048-177-153 | R-METAL FILM;RM 1/8TS 15K-J | |
| R0328 | 61048-177-202 | R-METAL FILM;RM 1/8TS 2K-J | |
| R0330 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| R0331 | 61048-177-222 | R-METAL FILM;RM 1/8TS 2.2K-J | |
| R0332 | 61048-177-222 | R-METAL FILM;RM 1/8TS 2.2K-J | |
| R0333 | 61048-177-391 | R-METAL FILM;RM 1/8TS 390-J | |
| R0334 | 61048-177-391 | R-METAL FILM;RM 1/8TS 390-J | |
| R0335 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| R0336 | 61048-177-562 | R-METAL FILM;RM 1/8TS 5.6K-J | |
| R0337 | 61048-177-222 | R-METAL FILM;RM 1/8TS 2.2K-J | |
| R0338 | 61048-177-911 | R-METAL FILM;RM 1/8TS 910-J | |
| R0339 | 61048-177-272 | R-METAL FILM;RM 1/8TS 2.7K-J | |
| R0340 | 61048-177-181 | R-METAL FILM;RM 1/8TS 180-J | |
| R0341 | 61048-177-561 | R-METAL FILM;RM 1/8TS 560-J | |
| R0343 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| R0344 | 61048-177-181 | R-METAL FILM;RM 1/8TS 180-J | |
| R0345 | 61048-177-821 | R-METAL FILM;RM 1/8TS 820-J | |
| R0346 | 61048-177-333 | R-METAL FILM;RM 1/8TS 33K-J | |
| R0347 | 61048-177-333 | R-METAL FILM;RM 1/8TS 33K-J | |
| R0348 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| R0351 | 61048-177-472 | R-METAL FILM;RM 1/8TS 4.7K-J | |
| R0353 | 61048-177-392 | R-METAL FILM;RM 1/8TS 3.9K-J | |
| R0354 | 61048-177-333 | R-METAL FILM;RM 1/8TS 33K-J | |
| R0355 | 61048-177-202 | R-METAL FILM;RM 1/8TS 2K-J | |
| R0356 | 61048-177-333 | R-METAL FILM;RM 1/8TS 33K-J | |
| R0357 | 61048-177-474 | R-METAL FILM;RM 1/8TS 470K-J | |
| R0358 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| R0359 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| R0360 | 61048-177-223 | R-METAL FILM;RM 1/8TS 22K-J | |

*.S.N.A : SERVICE NOT AVAILABLE.

| LOCA.NO | PART-NUMBER | DESCRIPTION;SPECIFICATION | REMARK |
|---|---|---|---|
| R0361 | 61048-177-103 | R-METAL FILM;RM 1/8TS 10K-J | |
| R0362 | 61048-177-222 | R-METAL FILM;RM 1/8TS 2.2K-J | |
| R0363 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| R0364 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| R0365 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| R0367 | 61048-177-821 | R-METAL FILM;RM 1/8TS 820-J | |
| R0368 | 61048-177-271 | R-METAL FILM;RM 1/8TS 270-J | |
| R0369 | 61048-177-223 | R-METAL FILM;RM 1/8TS 22K-J | |
| R0371 | 61048-177-222 | R-METAL FILM;RM 1/8TS 2.2K-J | |
| R0372 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| R0373 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| R0374 | 61048-177-393 | R-METAL FILM;RM 1/8TS 39K-J | |
| R0375 | 61048-177-153 | R-METAL FILM;RM 1/8TS 15K-J | |
| R0376 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| R0377 | 61048-177-561 | R-METAL FILM;RM 1/8TS 560-J | |
| R0378 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| R0379 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| R0380 | 61048-177-271 | R-METAL FILM;RM 1/8TS 270-J | |
| R0381 | 61048-177-122 | R-METAL FILM;RM 1/8TS 1.2K-J | |
| R0382 | 61048-177-333 | R-METAL FILM;RM 1/8TS 33K-J | |
| R0384 | 61048-177-473 | R-METAL FILM;RM 1/8TS 47K-J | |
| R0385 | 61048-177-333 | R-METAL FILM;RM 1/8TS 33K-J | |
| R0386 | 61048-177-153 | R-METAL FILM;RM 1/8TS 15K-J | |
| R0387 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| R0390 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| R0391 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| R0392 | 61048-177-331 | R-METAL FILM;RM 1/8TS 330-J | |
| R0393 | 61048-177-821 | R-METAL FILM;RM 1/8TS 820-J | |
| R3152 | 61048-177-103 | R-METAL FILM;RM 1/8TS 10K-J | |
| R3153 | 61048-177-561 | R-METAL FILM;RM 1/8TS 560-J | |
| R3154 | 61048-177-391 | R-METAL FILM;RM 1/8TS 390-J | |
| VR0301 | 61246-105-472 | VR-SEMI;RH0615C 4.7KB | |
| VR0302 | 61246-105-223 | VR-SEMI;RH0615C 22KB | |
| VR0303 | 61246-105-223 | VR-SEMI;RH0615C 22KB | |
| VR0304 | 61246-105-472 | VR-SEMI;RH0615C 4.7KB | |
| VR0305 | 61246-105-102 | VR-SEMI;RH0615C 1KB | |
| VR0306 | 61246-105-102 | VR-SEMI;RH0615C 1KB | |
| VR0307 | 61246-105-103 | VR-SEMI;RH0615C 10KB | |
| XTAL1 | 64539-012-040 | CRYSTAL;4.433619MHZ | |
| | | | |
| | | | |
| MAIN-B | VIDEO PARTS | : USED ONLY FOR VX-8225 MODEL | |
| | 63005-006-917 | PWB MAIN(B);94V01.6X122X249(VX8225) | S.N.A |
| | 63054-100-110 | SHIELD WIRE1533 #26 BRN 110BB | S.N.A |
| | 63054-211-090 | WIRE-GND ASSY;1007 #18 190 BLK AA | S.N.A |
| | 63054-211-180 | WIRE-GND ASSY;1007 #18 270 BLK AA | S.N.A |
| | 63054-211-180 | WIRE-GND ASSY;1007 #18 270 BLK AA | S.N.A |
| | 63054-301-600 | WIRE-SHIELD;1533-11 #26 150 ORG AA | S.N.A |
| C0302 | 61407-101-490 | C-CERAMIC.TEMP;CC45 SL TAPG 50V 390-J | |
| C0303 | 61407-101-240 | C-CERAMIC.TEMP;CC45 SL TAPG 50V 33-J | |
| C0304 | 61407-105-250 | C-CERAMIC.TEMP;CC45 CH TAPG 50V 39-J | |
| C0305 | 61607-402-200 | C-ELECTROLYTIC;CE04W TAPG 50V 0.47M | |
| C0306 | 61607-402-220 | C-ELECTROLYTIC;CE04W TAPG 50V 2.2M | |
| C0307 | 61407-101-440 | C-CERAMIC.TEMP;CC45 SL TAPG 50V 220-J | |
| C0309 | 61607-402-230 | C-ELECTROLYTIC;CE04W TAPG 50V 3.3M | |
| C0310 | 61607-402-210 | C-ELECTROLYTIC;CE04W TAPG 50V 1M | |
| C0311 | 61407-101-240 | C-CERAMIC.TEMP;CC45 SL TAPG 50V 33-J | |
| C0312 | 61407-101-380 | C-CERAMIC.TEMP;CC45 SL TAPG 50V 120-J | |
| C0313 | 61407-105-280 | C-CERAMIC.TEMP;CC45 CH TAPG 50V 56-J | |
| C0315 | 61407-101-200 | C-CERAMIC.TEMP;CC45 SL TAPG 50V 22-J | |
| C0316 | 61407-105-320 | C-CERAMIC.TEMP;CC45 CH TAPG 50V 82-J | |
| C0317 | 61507-121-571 | C-POLYESTER;CQ921M TAPG 100V 0.068M-J | |
| C0318 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0319 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0320 | 61607-401-430 | C-ELECTROLYTIC;CE04W TAPG 25V 10M | |
| C0321 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0323 | 61607-401-471 | C-ELECTROLYTIC;CE04W TAPG 16V 100M(SG) | |
| C0325 | 61607-401-440 | C-ELECTROLYTIC;CE04W TAPG 16V 22M | |
| C0326 | 61607-402-200 | C-ELECTROLYTIC;CE04W TAPG 50V 0.47M | |
| C0327 | 61607-401-430 | C-ELECTROLYTIC;CE04W TAPG 25V 10M | |
| C0328 | 61607-401-460 | C-ELECTROLYTIC(SG);CE04W TAPG 16V 47M | |
| C0329 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0330 | 61407-101-470 | C-CERAMIC.TEMP;CC45 SL TAPG 50V 300-J | |
| C0331 | 61407-105-320 | C-CERAMIC.TEMP;CC45 CH TAPG 50V 82-J | |
| C0332 | 61407-105-860 | C-CERAMIC.TEMP;CC45 CH TAPG 50V 10-D | |
| C0333 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0334 | 61407-105-250 | C-CERAMIC.TEMP;CC45 CH TAPG 50V 39-J | |
| C0335 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0336 | 61407-101-200 | C-CERAMIC.TEMP;CC45 SL TAPG 50V 22-J | |
| C0337 | 61407-101-470 | C-CERAMIC.TEMP;CC45 SL TAPG 50V 300-J | |
| C0338 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0339 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0340 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0341 | 61407-101-160 | C-CERAMIC.TEMP;CC45 SL TAPG 50V 15-J | |
| C0342 | 61407-105-300 | C-CERAMIC.TEMP;CC45 CH TAPG 50V 68-J | |
| C0343 | 61407-101-730 | C-CERAMIC.TEMP;CC45 SL TAPG 50V 150-K | |
| C0344 | 61407-101-730 | C-CERAMIC.TEMP;CC45 SL TAPG 50V 150-K | |
| C0345 | 61407-101-240 | C-CERAMIC.TEMP;CC45 SL TAPG 50V 33-J | |
| C0346 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0347 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0348 | 61607-401-471 | C-ELECTROLYTIC;CE04W TAPG 16V 100M(SG) | |
| C0349 | 61607-401-471 | C-ELECTROLYTIC;CE04W TAPG 16V 100M(SG) | |
| C0351 | 61407-101-360 | C-CERAMIC.TEMP;CC45 SL TAPG 50V 100-J | |
| C0352 | 61407-105-690 | C-CERAMIC.TEMP;CC45 CH TAPG 50V 51-J | |
| C0353 | 61607-402-210 | C-ELECTROLYTIC;CE04W TAPG 50V 1M | |
| C0354 | 61507-121-410 | C-POLYESTER;CQ921M TAPG 50V 0.0033M-K | |
| C0355 | 61607-402-210 | C-ELECTROLYTIC;CE04W TAPG 50V 1M | |
| C0356 | 61407-105-160 | C-CERAMIC.TEMP;CC45 CH TAPG 50V 18-J | |
| C0357 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0358 | 61507-121-390 | C-POLYESTER;CQ921M TAPG 100V 0.0022M-K | |
| C0359 | 61607-402-210 | C-ELECTROLYTIC;CE04W TAPG 50V 1M | |
| C0360 | 61407-105-270 | C-CERAMIC.TEMP;CC45 CH TAPG 50V 27-J | |
| C0361 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0362 | 61407-105-690 | C-CERAMIC.TEMP;CC45 CH TAPG 50V 51-J | |
| C0363 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0364 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0365 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0366 | 61407-101-420 | C-CERAMIC.TEMP;CC45 SL TAPG 50V 180-J | |
| C0367 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0368 | 61607-402-210 | C-ELECTROLYTIC;CE04W TAPG 50V 1M | |
| C0369 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0371 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0372 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0373 | 61407-101-360 | C-CERAMIC.TEMP;CC45 SL TAPG 50V 100-J | |
| C0374 | 61607-402-210 | C-ELECTROLYTIC;CE04W TAPG 50V 1M | |
| C0375 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0376 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0377 | 61407-117-120 | C-CERAMIC.AXIAL;TAPG SL 50V 12-J | |
| C0378 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0379 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0380 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0381 | 61607-401-471 | C-ELECTROLYTIC;CE04W TAPG 16V 100M(SG) | |
| C0382 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0383 | 61507-121-571 | C-POLYESTER;CQ921M TAPG 100V 0.068M-J | |
| C0384 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0385 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0386 | 61407-101-510 | C-CERAMIC.TEMP;CC45 SL TAPG 50V 470-J | |
| C0387 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0388 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0389 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0390 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0391 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0392 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0393 | 61607-401-460 | C-ELECTROLYTIC(SG);CE04W TAPG 16V 47M | |
| C0394 | 61607-401-221 | C-ELECTROLYTIC;CE04W TAPG 10V 220M | |
| C0394 | 61607-401-471 | C-ELECTROLYTIC;CE04W TAPG 16V 100M(SG) | |
| C0395 | 61607-402-230 | C-ELECTROLYTIC;CE04W TAPG 50V 3.3M | |
| C0396 | 61607-402-230 | C-ELECTROLYTIC;CE04W TAPG 50V 3.3M | |
| C0397 | 61607-401-630 | C-ELECTROLYTIC;CE04W TAPG 35V 4.7M | |
| C0399 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C3143 | 61607-401-460 | C-ELECTROLYTIC(SG);CE04W TAPG 16V 47M | |
| C3144 | 61607-401-460 | C-ELECTROLYTIC(SG);CE04W TAPG 16V 47M | |
| C3145 | 61607-401-460 | C-ELECTROLYTIC(SG);CE04W TAPG 16V 47M | |
| C3146 | 61607-401-460 | C-ELECTROLYTIC(SG);CE04W TAPG 16V 47M | |
| C3147 | 61607-402-220 | C-ELECTROLYTIC;CE04W TAPG 50V 2.2M | |
| C3148 | 61607-401-630 | C-ELECTROLYTIC;CE04W TAPG 35V 4.7M | |
| C3149 | 61407-101-200 | C-CERAMIC.TEMP;CC45 SL TAPG 50V 22-J | |
| C3150 | 61507-121-511 | C-POLTESTER;CQ921M TAPG 100V 0.022M-J | |
| C3151 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C3152 | 61607-401-471 | C-ELECTROLYTIC;CE04W TAPG 16V 100M(SG) | |
| CN301 | 63349-062-410 | CONNECTOR-WAFER;5267-12A | |
| CN302 | 63349-062-370 | CONNECTOR-WAFER;5267-08A | |
| CN303 | 63349-062-370 | CONNECTOR-WAFER;5267-08A | |
| CN304 | 63349-062-380 | CONNECTOR-WAFER;5267-09A | |
| D0301 | 62169-406-482 | DIODE;1N4148 SAMSUNG | |
| D0302 | 62169-406-482 | DIODE;1N4148 SAMSUNG | |
| D0304 | 62169-406-482 | DIODE;1N4148 SAMSUNG | |
| D0306 | 62169-406-482 | DIODE;1N4148 SAMSUNG | |
| D0307 | 62169-406-482 | DIODE;1N4148 SAMSUNG | |
| D0308 | 62169-406-482 | DIODE;1N4148 SAMSUNG | |
| FL0301 | 64529-401-210 | FILTER-LC;SEL 4473 | |
| FL0302 | 64529-431-885 | FILTER LC;SBP 630-T2 | |
| FL0304 | 64569-006-011 | DELAY LINE;MS-31PC-5K | |
| FL0305 | 64529-401-200 | FILTER-LC;SFB 4141 | |
| IC0301 | 62119-103-662 | IC;LA7323 | |
| IC0302 | 62119-101-755 | IC;MSM6965-3RS | |
| IC0303 | 62119-101-735 | IC;TA8644N | |
| IC0305 | 62119-103-644 | IC;LA7311 | |
| L0301 | 62427-812-151 | COIL-PEAKING;EL0606RA-151J(150UH) TAPG | |
| L0302 | 62427-812-680 | COIL-PEAKING;EL0606RA-680J(68UH) TAPG | |
| L0303 | 62427-812-680 | COIL-PEAKING;EL0606RA-680J(68UH) TAPG | |
| L0304 | 62427-812-221 | COIL-PEAKING;EL0606RA-221J(220UH) TAPG | |
| L0305 | 62427-812-470 | COIL-PEAKING;EL0606RA-470J(47UH) TAPG | |
| L0306 | 62427-812-330 | COIL-PEAKING;EL0606RA-33UH TAPG | |
| L0307 | 62427-812-560 | COIL-PEAKING;EL0606RA-560J(56UH) TAPG | |
| L0308 | 62427-812-220 | COIL-PEAKING;EL0606RA-220J(22UH) TAPG | |
| L0309 | 62427-812-221 | COIL-PEAKING;EL0606RA-221J(220UH) TAPG | |
| L0311 | 62427-812-330 | COIL-PEAKING;EL0606RA-33UH TAPG | |

*.S.N.A : SERVICE NOT AVAILABLE.

| LOCA.NO | PART-NUMBER | DESCRIPTION:SPECIFICATION | REMARK |
|---|---|---|---|
| L0312 | 62427-812-330 | COIL-PEAKING:EL0606RA-33UH TAPG | |
| L0313 | 62427-812-820 | COIL-PEAKING:EL0606RA-82UH TAPG | |
| L0314 | 62427-812-271 | COIL-PEAKING:EL0606RA-271J(270UH) TAPG | |
| L0315 | 62427-812-180 | COIL-PEAKING:EL0606RA-180J(18UH) TAPG | |
| L0316 | 62427-812-100 | COIL-PEAKING:EL0606RA-100J(10UH) TAPG | |
| L0317 | 62427-812-470 | COIL-PEAKING:EL0606RA-470J(47UH) TAPG | |
| L0318 | 62427-812-150 | COIL-PEAKING:EL0606RA-150J(15UH) TAPG | |
| L0321 | 62429-833-101 | COIL-PEAKING AXIAL:BAL04ST 101K | |
| L0322 | 62429-833-101 | COIL-PEAKING AXIAL:BAL04ST 101K | |
| L0324 | 62429-833-101 | COIL-PEAKING AXIAL:BAL04ST 101K | |
| Q0301 | 62137-103-380 | TRANSISTOR:KSA 733-Y TAPG | |
| Q0302 | 62137-302-740 | TRANSISTOR:KSC 945-Y TAPG | |
| Q0303 | 62137-302-740 | TRANSISTOR:KSC 945-Y TAPG | |
| Q0304 | 62137-103-380 | TRANSISTOR:KSA 733-Y TAPG | |
| Q0305 | 62137-103-380 | TRANSISTOR:KSA 733-Y TAPG | |
| Q0306 | 62137-302-740 | TRANSISTOR:KSC 945-Y TAPG | |
| Q0307 | 62137-302-740 | TRANSISTOR:KSC 945-Y TAPG | |
| Q0308 | 62137-302-740 | TRANSISTOR:KSC 945-Y TAPG | |
| Q0311 | 62137-701-023 | TRANSISTOR:KSR 2004 TAPG | |
| Q0312 | 62137-302-740 | TRANSISTOR:KSC 945-Y TAPG | |
| Q0313 | 62137-701-010 | TRANSISTOR:KSR 1001 TAPG | |
| Q0314 | 62137-302-740 | TRANSISTOR:KSC 945-Y TAPG | |
| Q0315 | 62137-302-740 | TRANSISTOR:KSC 945-Y TAPG | |
| Q0316 | 62137-302-740 | TRANSISTOR:KSC 945-Y TAPG | |
| Q0317 | 62137-103-380 | TRANSISTOR:KSA 733-Y TAPG | |
| Q0318 | 62137-302-740 | TRANSISTOR:KSC 945-Y TAPG | |
| Q0319 | 62137-701-020 | TRANSISTOR:KSR 2001 TAPG | |
| R0301 | 61048-177-272 | R-METAL FILM:RM 1/8TS 2.7K-J | |
| R0302 | 61048-177-681 | R-METAL FILM:RM 1/8TS 680-J | |
| R0303 | 61048-177-332 | R-METAL FILM:RM 1/8TS 3.3K-J | |
| R0304 | 61048-177-105 | R-METAL FILM:RM 1/8TS 1M-J | |
| R0305 | 61048-177-102 | R-METAL FILM:RM 1/8TS 1K-J | |
| R0306 | 61048-177-102 | R-METAL FILM:RM 1/8TS 1K-J | |
| R0307 | 61048-177-302 | R-METAL FILM:RM 1/8TS 3K-J | |
| R0308 | 61048-177-105 | R-METAL FILM:RM 1/8TS 1M-J | |
| R0309 | 61048-177-202 | R-METAL FILM:RM 1/8TS 2K-J | |
| R0310 | 61048-177-472 | R-METAL FILM:RM 1/8TS 4.7K-J | |
| R0311 | 61048-177-102 | R-METAL FILM:RM 1/8TS 1K-J | |
| R0312 | 61048-177-562 | R-METAL FILM:RM 1/8TS 5.6K-J | |
| R0313 | 61048-177-105 | R-METAL FILM:RM 1/8TS 1M-J | |
| R0314 | 61048-177-202 | R-METAL FILM:RM 1/8TS 2K-J | |
| R0315 | 61048-177-102 | R-METAL FILM:RM 1/8TS 1K-J | |
| R0316 | 61048-177-222 | R-METAL FILM:RM 1/8TS 2.2K-J | |
| R0317 | 61048-177-682 | R-METAL FILM:RM 1/8TS 6.8K-J | |
| R0318 | 61048-177-122 | R-METAL FILM:RM 1/8TS 1.2K-J | |
| R0319 | 61048-177-333 | R-METAL FILM:RM 1/8TS 33K-J | |
| R0320 | 61048-177-332 | R-METAL FILM:RM 1/8TS 3.3K-J | |
| R0321 | 61048-177-222 | R-METAL FILM:RM 1/8TS 2.2K-J | |
| R0323 | 61048-177-474 | R-METAL FILM:RM 1/8TS 470K-J | |
| R0324 | 61048-177-153 | R-METAL FILM:RM 1/8TS 15K-J | |
| R0325 | 61048-177-102 | R-METAL FILM:RM 1/8TS 1K-J | |
| R0327 | 61048-177-153 | R-METAL FILM:RM 1/8TS 15K-J | |
| R0328 | 61048-177-202 | R-METAL FILM:RM 1/8TS 2K-J | |
| R0330 | 61048-177-102 | R-METAL FILM:RM 1/8TS 1K-J | |
| R0331 | 61048-177-222 | R-METAL FILM:RM 1/8TS 2.2K-J | |
| R0332 | 61048-177-222 | R-METAL FILM:RM 1/8TS 2.2K-J | |
| R0333 | 61048-177-391 | R-METAL FILM:RM 1/8TS 390-J | |
| R0334 | 61048-177-391 | R-METAL FILM:RM 1/8TS 390-J | |
| R0335 | 61048-177-102 | R-METAL FILM:RM 1/8TS 1K-J | |
| R0336 | 61048-177-562 | R-METAL FILM:RM 1/8TS 5.6K-J | |
| R0337 | 61048-177-222 | R-METAL FILM:RM 1/8TS 2.2K-J | |
| R0338 | 61048-177-911 | R-METAL FILM:RM 1/8TS 910-J | |
| R0339 | 61048-177-272 | R-METAL FILM:RM 1/8TS 2.7K-J | |
| R0340 | 61048-177-181 | R-METAL FILM:RM 1/8TS 180-J | |
| R0341 | 61048-177-561 | R-METAL FILM:RM 1/8TS 560-J | |
| R0343 | 61048-177-102 | R-METAL FILM:RM 1/8TS 1K-J | |
| R0344 | 61048-177-181 | R-METAL FILM:RM 1/8TS 180-J | |
| R0345 | 61048-177-821 | R-METAL FILM:RM 1/8TS 820-J | |
| R0346 | 61048-177-333 | R-METAL FILM:RM 1/8TS 33K-J | |
| R0347 | 61048-177-333 | R-METAL FILM:RM 1/8TS 33K-J | |
| R0348 | 61048-177-102 | R-METAL FILM:RM 1/8TS 1K-J | |
| R0351 | 61048-177-472 | R-METAL FILM:RM 1/8TS 4.7K-J | |
| R0352 | 61048-177-103 | R-METAL FILM:RM 1/8TS 10K-J | |
| R0353 | 61048-177-392 | R-METAL FILM:RM 1/8TS 3.9K-J | |
| R0354 | 61048-177-333 | R-METAL FILM:RM 1/8TS 33K-J | |
| R0355 | 61048-177-202 | R-METAL FILM:RM 1/8TS 2K-J | |
| R0356 | 61048-177-333 | R-METAL FILM:RM 1/8TS 33K-J | |
| R0357 | 61048-177-474 | R-METAL FILM:RM 1/8TS 470K-J | |
| R0358 | 61048-177-102 | R-METAL FILM:RM 1/8TS 1K-J | |
| R0359 | 61048-177-102 | R-METAL FILM:RM 1/8TS 1K-J | |
| R0360 | 61048-177-223 | R-METAL FILM:RM 1/8TS 22K-J | |
| R0361 | 61048-177-103 | R-METAL FILM:RM 1/8TS 10K-J | |
| R0362 | 61048-177-222 | R-METAL FILM:RM 1/8TS 2.2K-J | |
| R0363 | 61048-177-102 | R-METAL FILM:RM 1/8TS 1K-J | |
| R0364 | 61048-177-102 | R-METAL FILM:RM 1/8TS 1K-J | |
| R0365 | 61048-177-102 | R-METAL FILM:RM 1/8TS 1K-J | |
| R0367 | 61048-177-821 | R-METAL FILM:RM 1/8TS 820-J | |
| R0368 | 61048-177-271 | R-METAL FILM:RM 1/8TS 270-J | |
| R0369 | 61048-177-223 | R-METAL FILM:RM 1/8TS 22K-J | |
| R0371 | 61048-177-222 | R-METAL FILM:RM 1/8TS 2.2K-J | |
| R0372 | 61048-177-102 | R-METAL FILM:RM 1/8TS 1K-J | |
| R0373 | 61048-177-102 | R-METAL FILM:RM 1/8TS 1K-J | |
| R0374 | 61048-177-393 | R-METAL FILM:RM 1/8TS 39K-J | |
| R0375 | 61048-177-153 | R-METAL FILM:RM 1/8TS 15K-J | |
| R0376 | 61048-177-102 | R-METAL FILM:RM 1/8TS 1K-J | |
| R0377 | 61048-177-561 | R-METAL FILM:RM 1/8TS 560-J | |
| R0378 | 61048-177-102 | R-METAL FILM:RM 1/8TS 1K-J | |
| R0379 | 61048-177-102 | R-METAL FILM:RM 1/8TS 1K-J | |
| R0380 | 61048-177-271 | R-METAL FILM:RM 1/8TS 270-J | |
| R0381 | 61048-177-122 | R-METAL FILM:RM 1/8TS 1.2K-J | |
| R0382 | 61048-177-333 | R-METAL FILM:RM 1/8TS 33K-J | |
| R0384 | 61048-177-473 | R-METAL FILM:RM 1/8TS 47K-J | |
| R0385 | 61048-177-333 | R-METAL FILM:RM 1/8TS 33K-J | |
| R0386 | 61048-177-153 | R-METAL FILM:RM 1/8TS 15K-J | |
| R0387 | 61048-177-102 | R-METAL FILM:RM 1/8TS 1K-J | |
| R0390 | 61048-177-102 | R-METAL FILM:RM 1/8TS 1K-J | |
| R0391 | 61048-177-102 | R-METAL FILM:RM 1/8TS 1K-J | |
| R0392 | 61048-177-331 | R-METAL FILM:RM 1/8TS 330-J | |
| R0393 | 61048-177-821 | R-METAL FILM:RM 1/8TS 820-J | |
| R0394 | 61048-177-105 | R-METAL FILM:RM 1/8TS 1M-J | |
| R0396 | 61048-177-105 | R-METAL FILM:RM 1/8TS 1M-J | |
| R0397 | 61048-177-821 | R-METAL FILM:RM 1/8TS 820-J | |
| R0398 | 61048-177-103 | R-METAL FILM:RM 1/8TS 10K-J | |
| R0399 | 61048-177-223 | R-METAL FILM:RM 1/8TS 22K-J | |
| R3109 | 61048-177-223 | R-METAL FILM:RM 1/8TS 22K-J | |
| R3150 | 61048-177-473 | R-METAL FILM:RM 1/8TS 47K-J | |
| R3152 | 61048-177-103 | R-METAL FILM:RM 1/8TS 10K-J | |
| R3153 | 61048-177-561 | R-METAL FILM:RM 1/8TS 560-J | |
| R3154 | 61048-177-391 | R-METAL FILM:RM 1/8TS 390-J | |
| VR0301 | 61246-105-472 | VR-SEMI:RH0615C 4.7KB | |
| VR0302 | 61246-105-223 | VR-SEMI:RH0615C 22KB | |
| VR0303 | 61246-105-223 | VR-SEMI:RH0615C 22KB | |
| VR0304 | 61246-105-472 | VR-SEMI:RH0615C 4.7KB | |
| VR0305 | 61246-105-102 | VR-SEMI:RH0615C 1KB | |
| VR0306 | 61246-105-102 | VR-SEMI:RH0615C 1KB | |
| VR0307 | 61246-105-103 | VR-SEMI:RH0615C 10KB | |
| XTAL1 | 64539-812-040 | CRYSTAL:4.433619MHZ | |
| | | | |
| | | | |
| MAIN-B | VIDEO PARTS | : USED ONLY FOR VD/VI-8225 MODEL | |
| | 63005-006-917 | PWB MAIN(B):94V01.6X122X249(VX8225) | S.N.A |
| | 63054-211-090 | WIRE-GND ASSY:1007 #18 190 BLK AA | S.N.A |
| | 63054-211-180 | WIRE-GND ASSY:1007 #18 270 BLK AA | S.N.A |
| | 63054-211-180 | WIRE-GND ASSY:1007 #18 270 BLK AA | S.N.A |
| | 63054-301-600 | WIRE-SHIELD:1533-11 #26 150 ORG AA | S.N.A |
| C0301 | 61409-101-070 | C-CERAMIC.TEMP:CC45 SL 50V 5-D | |
| C0302 | 61407-101-490 | C-CERAMIC.TEMP:CC45 SL TAPG 50V 390-J | |
| C0303 | 61407-101-240 | C-CERAMIC.TEMP:CC45 SL TAPG 50V 33-J | |
| C0304 | 61407-105-250 | C-CERAMIC.TEMP:CC45 CH TAPG 50V 39-J | |
| C0305 | 61607-402-200 | C-ELECTROLYTIC:CE04W TAPG 50V 0.47M | |
| C0306 | 61607-402-220 | C-ELECTROLYTIC:CE04W TAPG 50V 2.2M | |
| C0307 | 61407-101-440 | C-CERAMIC.TEMP:CC45 SL TAPG 50V 220-J | |
| C0308 | 61409-101-270 | C-CERAMIC.TEMP:CC45 SL 50V 47-J | |
| C0309 | 61607-402-230 | C-ELECTROLYTIC:CE04W TAPG 50V 3.3M | |
| C0310 | 61607-402-210 | C-ELECTROLYTIC:CE04W TAPG 50V 1M | |
| C0311 | 61407-101-240 | C-CERAMIC.TEMP:CC45 SL TAPG 50V 33-J | |
| C0312 | 61407-101-380 | C-CERAMIC.TEMP:CC45 SL TAPG 50V 120-J | |
| C0313 | 61407-105-280 | C-CERAMIC.TEMP:CC45 CH TAPG 50V 56-J | |
| C0315 | 61407-101-200 | C-CERAMIC.TEMP:CC45 SL TAPG 50V 22-J | |
| C0316 | 61407-105-320 | C-CERAMIC.TEMP:CC45 CH TAPG 50V 82-J | |
| C0317 | 61507-121-571 | C-POLYESTER:CQ921M TAPG 100V 0.068M-J | |
| C0318 | 61407-117-104 | C-CERAMIC AXIAL:TAPG Y 16V 0.01-N | |
| C0319 | 61407-117-104 | C-CERAMIC AXIAL:TAPG Y 16V 0.01-N | |
| C0320 | 61607-401-430 | C-ELECTROLYTIC:CE04W TAPG 25V 10M | |
| C0321 | 61407-117-104 | C-CERAMIC AXIAL:TAPG Y 16V 0.01-N | |
| C0323 | 61607-161-101 | C-ELECTROLYTIC:CE04W TAPG 10V 100M(LL) | |
| C0325 | 61607-401-440 | C-ELECTROLYTIC:CE04W TAPG 16V 22M | |
| C0326 | 61607-402-200 | C-ELECTROLYTIC:CE04W TAPG 50V 0.47M | |
| C0327 | 61607-401-430 | C-ELECTROLYTIC:CE04W TAPG 25V 10M | |
| C0328 | 61607-401-460 | C-ELECTROLYTIC(SG):CE04W TAPG 16V 47M | |
| C0329 | 61407-117-104 | C-CERAMIC AXIAL:TAPG Y 16V 0.01-N | |
| C0330 | 61407-101-470 | C-CERAMIC.TEMP:CC45 SL TAPG 50V 300-J | |
| C0331 | 61407-105-320 | C-CERAMIC.TEMP:CC45 CH TAPG 50V 82-J | |
| C0332 | 61407-105-850 | C-CERAMIC.TEMP:CC45 CH TAPG 50V 10-D | |
| C0333 | 61407-117-104 | C-CERAMIC AXIAL:TAPG Y 16V 0.01-N | |
| C0334 | 61407-105-250 | C-CERAMIC.TEMP:CC45 CH TAPG 50V 39-J | |
| C0335 | 61407-117-104 | C-CERAMIC AXIAL:TAPG Y 16V 0.01-N | |
| C0336 | 61407-101-200 | C-CERAMIC.TEMP:CC45 SL TAPG 50V 22-J | |
| C0337 | 61407-101-470 | C-CERAMIC.TEMP:CC45 SL TAPG 50V 300-J | |
| C0338 | 61407-117-104 | C-CERAMIC AXIAL:TAPG Y 16V 0.01-N | |
| C0339 | 61407-117-104 | C-CERAMIC AXIAL:TAPG Y 16V 0.01-N | |
| C0340 | 61407-117-104 | C-CERAMIC AXIAL:TAPG Y 16V 0.01-N | |
| C0341 | 61407-101-160 | C-CERAMIC.TEMP:CC45 SL TAPG 50V 15-J | |
| C0342 | 61407-105-300 | C-CERAMIC.TEMP:CC45 CH TAPG 50V 68-J | |
| C0343 | 61407-101-730 | C-CERAMIC.TEMP:CC45 SL TAPG 50V 150-K | |
| C0344 | 61407-101-730 | C-CERAMIC.TEMP:CC45 SL TAPG 50V 150-K | |
| C0345 | 61407-101-240 | C-CERAMIC.TEMP:CC45 SL TAPG 50V 33-J | |
| C0346 | 61407-117-104 | C-CERAMIC AXIAL:TAPG Y 16V 0.01-N | |

*.S.N.A :SERVICE NOT AVAILABLE.

| LOCA.NO | PART-NUMBER | DESCRIPTION;SPECIFICATION | REMARK |
|---|---|---|---|
| C0347 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0348 | 61607-161-101 | C-ELECTROLYTIC;CE04W TAPG 10V 100M(LL) | |
| C0349 | 61607-161-101 | C-ELECTROLYTIC;CE04W TAPG 10V 100M(LL) | |
| C0352 | 61407-105-690 | C-CERAMIC.TEMP;CC45 CH TAPG 50V 51-J | |
| C0353 | 61607-402-210 | C-ELECTROLYTIC;CE04W TAPG 50V 1M | |
| C0354 | 61507-121-410 | C-POLYESTER;CQ921M TAPG 50V 0.0033M-K | |
| C0355 | 61607-402-210 | C-ELECTROLYTIC;CE04W TAPG 50V 1M | |
| C0356 | 61407-105-160 | C-CERAMIC.TEMP;CC45 CH TAPG 50V 18-J | |
| C0357 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0358 | 61507-121-390 | C-POLYESTER;CQ921M TAPG 100V 0.0022M-K | |
| C0359 | 61607-402-210 | C-ELECTROLYTIC;CE04W TAPG 50V 1M | |
| C0360 | 61407-105-270 | C-CERAMIC.TEMP;CC45 CH TAPG 50V 27-J | |
| C0361 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0362 | 61407-105-690 | C-CERAMIC.TEMP;CC45 CH TAPG 50V 51-J | |
| C0363 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0364 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0365 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0366 | 61407-101-420 | C-CERAMIC.TEMP;CC45 SL TAPG 50V 180-J | |
| C0367 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0368 | 61607-402-210 | C-ELECTROLYTIC;CE04W TAPG 50V 1M | |
| C0369 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0371 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0372 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0373 | 61407-101-360 | C-CERAMIC.TEMP;CC45 SL TAPG 50V 100-J | |
| C0374 | 61607-402-210 | C-ELECTROLYTIC;CE04W TAPG 50V 1M | |
| C0375 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0376 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0377 | 61407-117-120 | C-CERAMIC.AXIAL;TAPG SL 50V 12-J | |
| C0378 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0379 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0380 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0381 | 61607-161-101 | C-ELECTROLYTIC;CE04W TAPG 10V 100M(LL) | |
| C0382 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0383 | 61507-121-571 | C-POLYESTER;CQ921M TAPG 100V 0.068M-J | |
| C0384 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0385 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0386 | 61407-101-510 | C-CERAMIC.TEMP;CC45 SL TAPG 50V 470-J | |
| C0387 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0388 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0389 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C0399 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C3143 | 61607-401-460 | C-ELECTROLYTIC(SG);CE04W TAPG 16V 47M | |
| C3144 | 61607-401-460 | C-ELECTROLYTIC(SG);CE04W TAPG 16V 47M | |
| C3145 | 61607-401-460 | C-ELECTROLYTIC(SG);CE04W TAPG 16V 47M | |
| C3146 | 61607-401-460 | C-ELECTROLYTIC(SG);CE04W TAPG 16V 47M | |
| C3147 | 61607-402-220 | C-ELECTROLYTIC;CE04W TAPG 50V 2.2M | |
| C3148 | 61607-401-630 | C-ELECTROLYTIC;CE04W TAPG 35V 4.7M | |
| C3149 | 61407-101-200 | C-CERAMIC.TEMP;CC45 SL TAPG 50V 22-J | |
| C3151 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C3152 | 61607-161-101 | C-ELECTROLYTIC;CE04W TAPG 10V 100M(LL) | |
| CN301 | 63349-062-410 | CONNECTOR-WAFER;5267-12A | |
| CN302 | 63349-062-370 | CONNECTOR-WAFER;5267-08A | |
| CN303 | 63349-062-370 | CONNECTOR-WAFER;5267-08A | |
| CN304 | 63349-062-380 | CONNECTOR-WAFER;5267-09A | |
| D0301 | 62169-406-482 | DIODE;IN4148 SAMSUNG | |
| D0302 | 62169-406-482 | DIODE;IN4148 SAMSUNG | |
| D0304 | 62169-406-482 | DIODE;IN4148 SAMSUNG | |
| D0306 | 62169-406-482 | DIODE;IN4148 SAMSUNG | |
| FL0301 | 64529-401-210 | FILTER-LC;SEL 4473 | |
| FL0302 | 64529-431-085 | FILTER LC;SBP 630-T2 | |
| FL0304 | 64569-006-011 | DELAY LINE;MS-31PC-5K | |
| FL0305 | 64529-401-200 | FILTER-LC;SFB 4141 | |
| IC0301 | 62119-103-662 | IC;LA7323 | |
| IC0302 | 62119-101-755 | IC;MSM6965-3RS | |
| IC0303 | 62119-101-735 | IC;TA8644N | |
| L0301 | 62427-812-151 | COIL-PEAKING;EL0606RA-151J(150UH) TAPG | |
| L0302 | 62427-812-680 | COIL-PEAKING;EL0606RA-680J(68UH) TAPG | |
| L0303 | 62427-812-680 | COIL-PEAKING;EL0606RA-680J(68UH) TAPG | |
| L0304 | 62427-812-221 | COIL-PEAKING;EL0606RA-221J(220UH) TAPG | |
| L0305 | 62427-812-470 | COIL-PEAKING;EL0606RA-470J(47UH) TAPG | |
| L0306 | 62427-813-330 | COIL-PEAKING;EL0607RA-330K(33UH) TAPG | |
| L0307 | 62427-812-560 | COIL-PEAKING;EL0606RA-560J(56UH) TAPG | |
| L0308 | 62427-812-220 | COIL-PEAKING;EL0606RA-220J(22UH) TAPG | |
| L0309 | 62427-812-221 | COIL-PEAKING;EL0606RA-221J(220UH) TAPG | |
| L0311 | 62427-812-220 | COIL-PEAKING;EL0606RA-220J(22UH) TAPG | |
| L0311 | 62427-813-330 | COIL-PEAKING;EL0607RA-330K(33UH) TAPG | |
| L0312 | 62427-813-330 | COIL-PEAKING;EL0607RA-330K(33UH) TAPG | |
| L0313 | 62427-812-820 | COIL-PEAKING;EL0606RA-82UH TAPG | |
| L0314 | 62427-812-271 | COIL-PEAKING;EL0606RA-271J(270UH) TAPG | |
| L0315 | 62427-812-180 | COIL-PEAKING;EL0606RA-180J(18UH) TAPG | |
| L0316 | 62427-812-100 | COIL-PEAKING;EL0606RA-100J(10UH) TAPG | |
| L0317 | 62427-812-470 | COIL-PEAKING;EL0606RA-470J(47UH) TAPG | |
| L0318 | 62427-812-150 | COIL-PEAKING;EL0606RA-150J(15UH) TAPG | |
| L0321 | 62429-833-101 | COIL-PEAKING AXIAL;BAL04ST 101K | |
| L0322 | 62429-833-101 | COIL-PEAKING AXIAL;BAL04ST 101K | |
| L0324 | 62429-833-101 | COIL-PEAKING AXIAL;BAL04ST 101K | |
| Q0301 | 62137-103-380 | TRANSISTOR;KSA 733-Y TAPG | |
| Q0302 | 62137-302-740 | TRANSISTOR;KSC 945-Y TAPG | |
| Q0303 | 62137-302-740 | TRANSISTOR;KSC 945-Y TAPG | |
| Q0304 | 62137-103-380 | TRANSISTOR;KSA 733-Y TAPG | |
| Q0305 | 62137-103-380 | TRANSISTOR;KSA 733-Y TAPG | |
| Q0306 | 62137-302-740 | TRANSISTOR;KSC 945-Y TAPG | |
| Q0307 | 62137-302-740 | TRANSISTOR;KSC 945-Y TAPG | |
| Q0308 | 62137-302-740 | TRANSISTOR;KSC 945-Y TAPG | |
| Q0311 | 62137-701-023 | TRANSISTOR;KSR 2004 TAPG | |
| Q0312 | 62137-302-740 | TRANSISTOR;KSC 945-Y TAPG | |
| Q0313 | 62137-701-010 | TRANSISTOR;KSR 1001 TAPG | |
| Q0314 | 62137-302-740 | TRANSISTOR;KSC 945-Y TAPG | |
| Q0315 | 62137-302-740 | TRANSISTOR;KSC 945-Y TAPG | |
| Q0316 | 62137-302-740 | TRANSISTOR;KSC 945-Y TAPG | |
| Q0317 | 62137-103-380 | TRANSISTOR;KSA 733-Y TAPG | |
| Q0318 | 62137-302-740 | TRANSISTOR;KSC 945-Y TAPG | |
| R0301 | 61048-177-272 | R-METAL FILM;RM 1/8TS 2.7K-J | |
| R0302 | 61048-177-681 | R-METAL FILM;RM 1/8TS 680-J | |
| R0303 | 61048-177-332 | R-METAL FILM;RM 1/8TS 3.3K-J | |
| R0304 | 61048-177-105 | R-METAL FILM;RM 1/8TS 1M-J | |
| R0305 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| R0306 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| R0307 | 61048-177-302 | R-METAL FILM;RM 1/8TS 3K-J | |
| R0308 | 61048-177-105 | R-METAL FILM;RM 1/8TS 1M-J | |
| R0309 | 61048-177-202 | R-METAL FILM;RM 1/8TS 2K-J | |
| R0310 | 61048-177-472 | R-METAL FILM;RM 1/8TS 4.7K-J | |
| R0311 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| R0312 | 61048-177-562 | R-METAL FILM;RM 1/8TS 5.6K-J | |
| R0313 | 61048-177-105 | R-METAL FILM;RM 1/8TS 1M-J | |
| R0314 | 61048-177-202 | R-METAL FILM;RM 1/8TS 2K-J | |
| R0315 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| R0316 | 61048-177-222 | R-METAL FILM;RM 1/8TS 2.2K-J | |
| R0317 | 61048-177-682 | R-METAL FILM;RM 1/8TS 6.8K-J | |
| R0318 | 61048-177-122 | R-METAL FILM;RM 1/8TS 1.2K-J | |
| R0319 | 61048-177-333 | R-METAL FILM;RM 1/8TS 33K-J | |
| R0320 | 61048-177-332 | R-METAL FILM;RM 1/8TS 3.3K-J | |
| R0321 | 61048-177-222 | R-METAL FILM;RM 1/8TS 2.2K-J | |
| R0323 | 61048-177-474 | R-METAL FILM;RM 1/8TS 470K-J | |
| R0324 | 61048-177-153 | R-METAL FILM;RM 1/8TS 15K-J | |
| R0325 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| R0327 | 61048-177-153 | R-METAL FILM;RM 1/8TS 15K-J | |
| R0328 | 61048-177-202 | R-METAL FILM;RM 1/8TS 2K-J | |
| R0330 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| R0331 | 61048-177-222 | R-METAL FILM;RM 1/8TS 2.2K-J | |
| R0332 | 61048-177-222 | R-METAL FILM;RM 1/8TS 2.2K-J | |
| R0333 | 61048-177-391 | R-METAL FILM;RM 1/8TS 390-J | |
| R0334 | 61048-177-391 | R-METAL FILM;RM 1/8TS 390-J | |
| R0335 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| R0336 | 61048-177-562 | R-METAL FILM;RM 1/8TS 5.6K-J | |
| R0337 | 61048-177-222 | R-METAL FILM;RM 1/8TS 2.2K-J | |
| R0338 | 61048-177-911 | R-METAL FILM;RM 1/8TS 910-J | |
| R0339 | 61048-177-272 | R-METAL FILM;RM 1/8TS 2.7K-J | |
| R0340 | 61048-177-181 | R-METAL FILM;RM 1/8TS 180-J | |
| R0341 | 61048-177-561 | R-METAL FILM;RM 1/8TS 560-J | |
| R0343 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| R0344 | 61048-177-181 | R-METAL FILM;RM 1/8TS 180-J | |
| R0345 | 61048-177-821 | R-METAL FILM;RM 1/8TS 820-J | |
| R0346 | 61048-177-333 | R-METAL FILM;RM 1/8TS 33K-J | |
| R0347 | 61048-177-333 | R-METAL FILM;RM 1/8TS 33K-J | |
| R0348 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| R0351 | 61048-177-472 | R-METAL FILM;RM 1/8TS 4.7K-J | |
| R0353 | 61048-177-392 | R-METAL FILM;RM 1/8TS 3.9K-J | |
| R0354 | 61048-177-333 | R-METAL FILM;RM 1/8TS 33K-J | |
| R0355 | 61048-177-202 | R-METAL FILM;RM 1/8TS 2K-J | |
| R0356 | 61048-177-333 | R-METAL FILM;RM 1/8TS 33K-J | |
| R0357 | 61048-177-474 | R-METAL FILM;RM 1/8TS 470K-J | |
| R0358 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| R0359 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| R0360 | 61048-177-223 | R-METAL FILM;RM 1/8TS 22K-J | |
| R0361 | 61048-177-103 | R-METAL FILM;RM 1/8TS 10K-J | |
| R0362 | 61048-177-222 | R-METAL FILM;RM 1/8TS 2.2K-J | |
| R0363 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| R0364 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| R0365 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| R0367 | 61048-177-821 | R-METAL FILM;RM 1/8TS 820-J | |
| R0368 | 61048-177-271 | R-METAL FILM;RM 1/8TS 270-J | |
| R0369 | 61048-177-223 | R-METAL FILM;RM 1/8TS 22K-J | |
| R0371 | 61048-177-222 | R-METAL FILM;RM 1/8TS 2.2K-J | |
| R0372 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| R0373 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| R0374 | 61048-177-393 | R-METAL FILM;RM 1/8TS 39K-J | |
| R0375 | 61048-177-153 | R-METAL FILM;RM 1/8TS 15K-J | |
| R0376 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| R0377 | 61048-177-561 | R-METAL FILM;RM 1/8TS 560-J | |
| R0378 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| R0379 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| R0380 | 61048-177-271 | R-METAL FILM;RM 1/8TS 270-J | |
| R0381 | 61048-177-122 | R-METAL FILM;RM 1/8TS 1.2K-J | |
| R0382 | 61048-177-333 | R-METAL FILM;RM 1/8TS 33K-J | |
| R0384 | 61048-177-473 | R-METAL FILM;RM 1/8TS 47K-J | |
| R0385 | 61048-177-333 | R-METAL FILM;RM 1/8TS 33K-J | |
| R0386 | 61048-177-153 | R-METAL FILM;RM 1/8TS 15K-J | |
| R0387 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| R0390 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |

*.S.N.A :SERVICE NOT AVAILABLE.

| LOCA.NO | PART-NUMBER | DESCRIPTION;SPECIFICATION | REMARK |
|---|---|---|---|
| R0391 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| R0392 | 61048-177-331 | R-METAL FILM;RM 1/8TS 330-J | |
| R0393 | 61048-177-821 | R-METAL FILM;RM 1/8TS 820-J | |
| R3152 | 61048-177-103 | R-METAL FILM;RM 1/8TS 10K-J | |
| R3153 | 61048-177-561 | R-METAL FILM;RM 1/8TS 560-J | |
| R3154 | 61048-177-391 | R-METAL FILM;RM 1/8TS 390-J | |
| VR0301 | 61246-105-472 | VR-SEMI;RH0615C 4.7KB | |
| VR0302 | 61246-105-223 | VR-SEMI;RH0615C 22KB | |
| VR0303 | 61246-105-223 | VR-SEMI;RH0615C 22KB | |
| VR0304 | 61246-105-472 | VR-SEMI;RH0615C 4.7KB | |
| VR0305 | 61246-105-102 | VR-SEMI;RH0615C 1KB | |
| VR0306 | 61246-105-102 | VR-SEMI;RH0615C 1KB | |
| VR0307 | 61246-105-103 | VR-SEMI;RH0615C 10KB | |
| XTAL1 | 64539-012-040 | CRYSTAL;4.433619MHZ | |
| | | ASSY MAIN A | |
| MAIN-A | 69857-603-009 | ASSY MAIN A;VK-8220 | |
| MAIN-A | 69857-603-040 | ASSY MAIN A;VX-8220/8220M | |
| MAIN-A | 69857-603-090 | ASSY MAIN A;VX-8220E | |
| MAIN-A | 69857-603-030 | ASSY MAIN A;VI-8220 | |
| MAIN-A | 69857-603-002 | ASSY MAIN A;VX-8225 | |
| MAIN-A | 69857-603-730 | ASSY MAIN A;VI-8225 | |
| MAIN-A | 69857-603-050 | ASSY MAIN A;VD-8225 | |
| MAIN-A | 69857-603-080 | ASSY MAIN A;VB-8220A | |
| MAIN-A | POWER PARTS | : POWER COMMON PARTS | |
| | 65684-602-500 | HEAT-SINK TR;A1050P-H14 T1.0 | |
| | 67158-230-081 | SCREW-TAP BH;2-3X8 FE FZY | |
| C121 | 61609-152-331 | C-ELECTROLYTIC;CE04W 25V 330M | |
| C122 | 61609-152-331 | C-ELECTROLYTIC;CE04W 25V 330M | |
| C123 | 61609-401-480 | C-ELECTROLYTIC;CE04W 16V 220M | |
| C124 | 61607-401-460 | C-ELECTROLYTIC(SG);CE04W TAPG 16V 47M | |
| C199 | 61507-121-260 | C-POLYESTER;CQ921M TAPG 50V 0.1M-J | |
| D109 | 62169-406-482 | DIODE;1N4148 SAMSUNG | |
| D110 | 62169-406-482 | DIODE;1N4148 SAMSUNG | |
| D112 | 62169-406-482 | DIODE;1N4148 SAMSUNG | |
| D114 | 62169-201-050 | DIODE;1N4001 | |
| L105 | 62427-813-330 | COIL-PEAKING;EL0607RA-330K(33UH) TAPG | |
| Q105 | 62149-202-060 | TRANSISTOR;KSB772(N.M) | |
| Q106 | 62137-302-740 | TRANSISTOR;KSC 945-Y TAPG | |
| Q107 | 62139-302-450 | TRANSISTOR;KSC2328Y | |
| Q109 | 62139-302-450 | TRANSISTOR;KSC2328Y | |
| Q110 | 62139-701-055 | TRANSISTOR;KSA928A-Y | |
| Q111 | 62137-701-010 | TRANSISTOR;KSR 1001 TAPG | |
| Q112 | 62139-701-055 | TRANSISTOR;KSA928A-Y | |
| Q113 | 62137-701-013 | TRANSISTOR;KSR 1004 TAPG | |
| Q114 | 62137-701-013 | TRANSISTOR;KSR 1004 TAPG | |
| R123 | 61048-177-101 | R-METAL FILM;RM 1/8TS 100-J | |
| R124 | 61048-277-181 | R-METAL FILM;RM 1/4T 180-J | |
| R125 | 61048-277-271 | R-METAL FILM;RM 1/4T 270-J | |
| R128 | 61048-177-103 | R-METAL FILM;RM 1/8TS 10K-J | |
| R129 | 61048-177-472 | R-METAL FILM;RM 1/8TS 4.7K-J | |
| R130 | 61048-177-332 | R-METAL FILM;RM 1/8TS 3.3K-J | |
| R131 | 61048-177-332 | R-METAL FILM;RM 1/8TS 3.3K-J | |
| ZD104 | 62169-403-826 | DIODE-ZENER;MTZ 12B (UZ12BL) | |
| ZD105 | 62169-403-824 | DIODE-ZENER;MTZ 9.1B (UZ9.1BL) | |
| MAIN-A | SYSCON PARTS | : SYSCON COMMON PARTS | |
| C603 | 61507-121-470 | C-POLYESTER;CQ921M TAPG 100V 0.01M-K | |
| C604 | 61417-109-210 | C-CERAMIC.HK;CK45 F TAPG 50V 0.1M-Z | |
| C605 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C606 | 61417-109-210 | C-CERAMIC.HK;CK45 F TAPG 50V 0.1M-Z | |
| C607 | 61417-109-040 | C-CERAMIC.HK;CK45 F TAPG 50V 0.001M-Z | |
| C608 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C609 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C610 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C611 | 61417-109-200 | C-CERAMIC.HK;CK45 F TAPG 50V 0.047M-Z | |
| C612 | 61607-401-440 | C-ELECTROLYTIC;CE04W TAPG 16V 22M | |
| C613 | 61609-401-472 | C-ELECTROLYTIC;CE04W 10V 4700M | |
| C614 | 61607-402-230 | C-ELECTROLYTIC;CE04W TAPG 50V 3.3M | |
| C617 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C618 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C619 | 61607-402-421 | C-ELECTROLYTIC;CE04W TAPG 25V 0.22M | |
| C620 | 61407-105-250 | C-CERAMIC.TEMP;CC45 CH TAPG 50V 39-J | |
| C621 | 61407-105-330 | C-CERAMIC.TEMP;CC45 CH TAPG 50V 33-J | |
| C622 | 61507-121-340 | C-POLYESTER;CQ921M TAPG 100V 0.001M-K | |
| C623 | 61607-402-230 | C-ELECTROLYTIC;CE04W TAPG 50V 3.3M | |
| D601 | 62169-406-482 | DIODE;1N4148 SAMSUNG | |
| D602 | 62169-406-482 | DIODE;1N4148 SAMSUNG | |
| D603 | 62169-406-482 | DIODE;1N4148 SAMSUNG | |
| D604 | 62169-406-482 | DIODE;1N4148 SAMSUNG | |
| D605 | 62169-406-482 | DIODE;1N4148 SAMSUNG | |
| D606 | 62169-406-482 | DIODE;1N4148 SAMSUNG | |
| D607 | 62169-406-482 | DIODE;1N4148 SAMSUNG | |
| D608 | 62169-406-482 | DIODE;1N4148 SAMSUNG | |
| D609 | 62169-406-482 | DIODE;1N4148 SAMSUNG | |
| D610 | 62169-406-482 | DIODE;1N4148 SAMSUNG | |

| LOCA.NO | PART-NUMBER | DESCRIPTION;SPECIFICATION | REMARK |
|---|---|---|---|
| IC601 | 62119-103-121 | IC;UPD 75106CW-126 | |
| IC602 | 62119-101-338 | IC;CAT93C46P | |
| Q501 | 62137-701-010 | TRANSISTOR;KSR 1001 TAPG | |
| Q502 | 62137-302-740 | TRANSISTOR;KSC 945-Y TAPG | |
| Q603 | 62137-701-013 | TRANSISTOR;KSR 1004 TAPG | |
| R601 | 61048-177-472 | R-METAL FILM;RM 1/8TS 4.7K-J | |
| R602 | 61048-177-472 | R-METAL FILM;RM 1/8TS 4.7K-J | |
| R603 | 61048-177-472 | R-METAL FILM;RM 1/8TS 4.7K-J | |
| R604 | 61048-177-472 | R-METAL FILM;RM 1/8TS 4.7K-J | |
| R605 | 61048-177-103 | R-METAL FILM;RM 1/8TS 10K-J | |
| R606 | 61048-177-103 | R-METAL FILM;RM 1/8TS 10K-J | |
| R609 | 61048-177-473 | R-METAL FILM;RM 1/8TS 47K-J | |
| R610 | 61048-177-472 | R-METAL FILM;RM 1/8TS 4.7K-J | |
| R611 | 61048-177-104 | R-METAL FILM;RM 1/8TS 100K-J | |
| R612 | 61048-177-103 | R-METAL FILM;RM 1/8TS 10K-J | |
| R613 | 61048-177-103 | R-METAL FILM;RM 1/8TS 10K-J | |
| R614 | 61048-177-103 | R-METAL FILM;RM 1/8TS 10K-J | |
| R615 | 61048-177-330 | R-METAL FILM;RM 1/8TS 33-J | |
| R616 | 61048-177-333 | R-METAL FILM;RM 1/8TS 33K-J | |
| R617 | 61048-177-103 | R-METAL FILM;RM 1/8TS 10K-J | |
| R618 | 61048-177-103 | R-METAL FILM;RM 1/8TS 10K-J | |
| R619 | 61048-177-103 | R-METAL FILM;RM 1/8TS 10K-J | |
| R620 | 61048-177-333 | R-METAL FILM;RM 1/8TS 33K-J | |
| R621 | 61048-177-333 | R-METAL FILM;RM 1/8TS 33K-J | |
| R622 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| R623 | 61048-177-103 | R-METAL FILM;RM 1/8TS 10K-J | |
| R624 | 61048-177-472 | R-METAL FILM;RM 1/8TS 4.7K-J | |
| R625 | 61048-177-472 | R-METAL FILM;RM 1/8TS 4.7K-J | |
| R626 | 61048-177-472 | R-METAL FILM;RM 1/8TS 4.7K-J | |
| R628 | 61048-177-823 | R-METAL FILM;RM 1/8TS 82K-J | |
| R629 | 61048-177-104 | R-METAL FILM;RM 1/8TS 100K-J | |
| R630 | 61048-177-472 | R-METAL FILM;RM 1/8TS 4.7K-J | |
| R631 | 61048-177-472 | R-METAL FILM;RM 1/8TS 4.7K-J | |
| R633 | 61048-177-123 | R-METAL FILM;RM 1/8TS 12K-J | |
| R636 | 61048-177-470 | R-METAL FILM;RM 1/8TS 47-J | |
| R637 | 61048-177-202 | R-METAL FILM;RM 1/8TS 2K-J | |
| R638 | 61048-177-562 | R-METAL FILM;RM 1/8TS 5.6K-J | |
| R640 | 61048-177-103 | R-METAL FILM;RM 1/8TS 10K-J | |
| R641 | 61048-177-101 | R-METAL FILM;RM 1/8TS 100-J | |
| R644 | 61048-177-103 | R-METAL FILM;RM 1/8TS 10K-J | |
| R645 | 61048-177-103 | R-METAL FILM;RM 1/8TS 10K-J | |
| R646 | 61048-177-103 | R-METAL FILM;RM 1/8TS 10K-J | |
| R647 | 61048-177-103 | R-METAL FILM;RM 1/8TS 10K-J | |
| R648 | 61048-177-103 | R-METAL FILM;RM 1/8TS 10K-J | |
| R651 | 61048-177-103 | R-METAL FILM;RM 1/8TS 10K-J | |
| R660 | 61048-177-182 | R-METAL FILM;RM 1/8TS 1.8K-J | |
| XT601 | 64539-012-046 | CRYSTAL;HC-18U(4.194304 MHZ) | |
| MAIN-A | SERVO PARTS | : SERVO COMMON PARTS | |
| | 63854-222-060 | WIRE-JUMPER(H-WRAP);1007 #26-SOLD WHT 60 | S.N.A |
| C2 | 61507-121-520 | C-POLYESTER;CQ921M TAPG 50V 0.027M-K | |
| C201 | 61507-121-600 | C-POLYESTER;CQ921M TAPG 100V 0.056M-K | |
| C202 | 61507-121-260 | C-POLYESTER;CQ921M TAPG 50V 0.1M-J | |
| C203 | 61507-121-600 | C-POLYESTER;CQ921M TAPG 100V 0.056M-K | |
| C204 | 61507-121-600 | C-POLYESTER;CQ921M TAPG 100V 0.056M-K | |
| C205 | 61507-121-420 | C-POLYESTER;CQ921M TAPG 100V 0.0039-K | |
| C206 | 61507-121-260 | C-POLYESTER;CQ921M TAPG 50V 0.1M-J | |
| C207 | 61607-803-730 | C-ELECTROLYTIC.NP;CE04W TAPG 16V 4.7M | |
| C208 | 61507-121-480 | C-POLYESTER;CQ921M TAPG 100V 0.015M-K | |
| C209 | 61607-401-430 | C-ELECTROLYTIC;CE04W TAPG 25V 10M | |
| C210 | 61607-402-220 | C-ELECTROLYTIC;CE04W TAPG 50V 2.2M | |
| C211 | 61607-401-430 | C-ELECTROLYTIC;CE04W TAPG 25V 10M | |
| C212 | 61607-803-730 | C-ELECTROLYTIC.NP;CE04W TAPG 16V 4.7M | |
| C213 | 61507-121-480 | C-POLYESTER;CQ921M TAPG 100V 0.015M-K | |
| C214 | 61607-401-630 | C-ELECTROLYTIC;CE04W TAPG 35V 4.7M | |
| C215 | 61507-121-471 | C-POLYESTER;CQ921M TAPG 50V 0.01M-J | |
| C216 | 61507-121-470 | C-POLYESTER;CQ921M TAPG 100V 0.01M-K | |
| C217 | 61607-402-210 | C-ELECTROLYTIC;CE04W TAPG 50V 1M | |
| C218 | 61607-401-460 | C-ELECTROLYTIC(SG);CE04W TAPG 16V 47M | |
| C219 | 61507-121-471 | C-POLYESTER;CQ921M TAPG 50V 0.01M-J | |
| C220 | 61607-402-200 | C-ELECTROLYTIC;CE04W TAPG 50V 0.47M | |
| C221 | 61407-101-360 | C-CERAMIC.TEMP;CC45 SL TAPG 50V 100-J | |
| C222 | 61507-121-471 | C-POLYESTER;CQ921M TAPG 50V 0.01M-J | |
| C223 | 61607-401-430 | C-ELECTROLYTIC;CE04W TAPG 25V 10M | |
| C224 | 61507-121-340 | C-POLYESTER;CQ921M TAPG 100V 0.001M-K | |
| C226 | 61607-402-210 | C-ELECTROLYTIC;CE04W TAPG 50V 1M | |
| C227 | 61607-402-210 | C-ELECTROLYTIC;CE04W TAPG 50V 1M | |
| C228 | 61607-401-471 | C-ELECTROLYTIC;CE04W TAPG 16V 100M(SG) | |
| C229 | 61607-401-430 | C-ELECTROLYTIC;CE04W TAPG 25V 10M | |
| C230 | 61507-121-510 | C-POLYESTER;CQ921M TAPG 100V 0.022M-K | |
| C231 | 61507-121-510 | C-POLYESTER;CQ921M TAPG 100V 0.022M-K | |
| C232 | 61607-402-220 | C-ELECTROLYTIC;CE04W TAPG 50V 2.2M | |
| C233 | 61507-121-440 | C-POLYESTER;CQ921M TAPG 100V 0.0056M-K | |
| C235 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C236 | 61417-104-690 | C-CERAMIC.HK;CK45 F TAPG 50V 0.056M-Z | |
| C237 | 61417-104-690 | C-CERAMIC.HK;CK45 F TAPG 50V 0.056M-Z | |
| CN202 | 63349-062-310 | CONNECTOR-WAFER;5267-02A | |
| CN203 | 63349-062-370 | CONNECTOR-WAFER;5267-08A | |
| D0315 | 62169-406-482 | DIODE;1N4148 SAMSUNG | |

*.S.N.A :SERVICE NOT AVAILABLE.

| LOCA.NO | PART-NUMBER | DESCRIPTION;SPECIFICATION | REMARK |
|---|---|---|---|
| D201 | 62169-406-482 | DIODE;1N4148 SAMSUNG | |
| D202 | 62169-406-482 | DIODE;1N4148 SAMSUNG | |
| D203 | 62169-406-482 | DIODE;1N4148 SAMSUNG | |
| D204 | 62169-406-482 | DIODE;1N4148 SAMSUNG | |
| D205 | 62169-406-482 | DIODE;1N4148 SAMSUNG | |
| D206 | 62169-406-482 | DIODE;1N4148 SAMSUNG | |
| D207 | 62169-406-482 | DIODE;1N4148 SAMSUNG | |
| D208 | 62169-406-482 | DIODE;1N4148 SAMSUNG | |
| IC201 | 62119-401-860 | IC;HD49735NT | |
| Q201 | 62137-701-013 | TRANSISTOR;KSR 1004 TAPG | |
| Q203 | 62137-701-013 | TRANSISTOR;KSR 1004 TAPG | |
| Q204 | 62137-701-013 | TRANSISTOR;KSR 1004 TAPG | |
| Q205 | 62137-302-740 | TRANSISTOR;KSC 945-Y TAPG | |
| Q207 | 62137-701-013 | TRANSISTOR;KSR 1004 TAPG | |
| Q208 | 62137-701-013 | TRANSISTOR;KSR 1004 TAPG | |
| Q209 | 62137-701-010 | TRANSISTOR;KSR 1001 TAPG | |
| R0321 | 62137-701-013 | TRANSISTOR;KSR 1004 TAPG | |
| R0349 | 61048-177-104 | R-METAL FILM;RM 1/8TS 100K-J | |
| R0349 | 61048-177-104 | R-METAL FILM;RM 1/8TS 100K-J | |
| R201 | 61048-177-224 | R-METAL FILM;RM 1/8TS 220K-J | |
| R202 | 61048-177-333 | R-METAL FILM;RM 1/8TS 33K-J | |
| R203 | 61048-177-333 | R-METAL FILM;RM 1/8TS 33K-J | |
| R204 | 61048-177-682 | R-METAL FILM;RM 1/8TS 6.8K-J | |
| R206 | 61048-177-103 | R-METAL FILM;RM 1/8TS 10K-J | |
| R207 | 61048-177-103 | R-METAL FILM;RM 1/8TS 10K-J | |
| R208 | 61048-177-105 | R-METAL FILM;RM 1/8TS 1M-J | |
| R209 | 61048-177-104 | R-METAL FILM;RM 1/8TS 100K-J | |
| R210 | 61048-177-563 | R-METAL FILM;RM 1/8TS 56K-J | |
| R211 | 61048-177-154 | R-METAL FILM;RM 1/8TS 150K-J | |
| R212 | 61048-177-154 | R-METAL FILM;RM 1/8TS 150K-J | |
| R213 | 61048-177-105 | R-METAL FILM;RM 1/8TS 1M-J | |
| R214 | 61048-177-474 | R-METAL FILM;RM 1/8TS 470K-J | |
| R215 | 61048-177-223 | R-METAL FILM;RM 1/8TS 22K-J | |
| R216 | 61048-177-153 | R-METAL FILM;RM 1/8TS 15K-J | |
| R217 | 61048-177-512 | R-METAL FILM;RM 1/8TS 5.1K-J | |
| R218 | 61048-177-274 | R-METAL FILM;RM 1/8TS 270K-J | |
| R219 | 61048-177-105 | R-METAL FILM;RM 1/8TS 1M-J | |
| R220 | 61048-177-273 | R-METAL FILM;RM 1/8TS 27K-J | |
| R221 | 61048-177-154 | R-METAL FILM;RM 1/8TS 150K-J | |
| R223 | 61048-177-823 | R-METAL FILM;RM 1/8TS 82K-J | |
| R225 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| R226 | 61048-177-182 | R-METAL FILM;RM 1/8TS 1.8K-J | |
| R227 | 61048-177-750 | R-METAL FILM;RM 1/8TS 75-J | |
| R229 | 61048-177-104 | R-METAL FILM;RM 1/8TS 100K-J | |
| R230 | 61048-177-224 | R-METAL FILM;RM 1/8TS 220K-J | |
| R231 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| R232 | 61048-177-223 | R-METAL FILM;RM 1/8TS 22K-J | |
| R234 | 61048-177-272 | R-METAL FILM;RM 1/8TS 2.7K-J | |
| R235 | 61048-177-472 | R-METAL FILM;RM 1/8TS 4.7K-J | |
| R236 | 61048-177-105 | R-METAL FILM;RM 1/8TS 1M-J | |
| R237 | 61048-177-181 | R-METAL FILM;RM 1/8TS 180-J | |
| R238 | 61048-177-183 | R-METAL FILM;RM 1/8TS 18K-J | |
| R239 | 61048-177-681 | R-METAL FILM;RM 1/8TS 680-J | |
| R240 | 61048-177-821 | R-METAL FILM;RM 1/8TS 820-J | |
| R241 | 61048-177-332 | R-METAL FILM;RM 1/8TS 3.3K-J | |
| R242 | 61048-177-151 | R-METAL FILM;RM 1/8TS 150-J | |
| R243 | 61048-177-184 | R-METAL FILM;RM 1/8TS 180K-J | |
| R244 | 61048-177-104 | R-METAL FILM;RM 1/8TS 100K-J | |
| R245 | 61048-177-154 | R-METAL FILM;RM 1/8TS 150K-J | |
| R246 | 61048-177-152 | R-METAL FILM;RM 1/8TS 1.5K-J | |
| R247 | 61048-177-273 | R-METAL FILM;RM 1/8TS 27K-J | |
| R614 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| TP201 | 63124-103-330 | PIN-TEST POINT;BSW 1/4H PI1.0 SN | S.N.A |
| TP204 | 63124-103-330 | PIN-TEST POINT;BSW 1/4H PI1.0 SN | S.N.A |
| VR201 | 61246-105-474 | VR-SEMI;RH0615C 470KB | |
| VR202 | 61246-105-104 | VR-SEMI;RH0615C 100KB | |
| VR203 | 61246-105-104 | VR-SEMI;RH0615C 100KB | |
| W9 | 62169-406-482 | DIODE;1N4148 SAMSUNG | |
| MAIN-A | TUNER PARTS | : USED ONLY FOR VK-8220 MODEL | |
| | 62569-002-256 | RF-CONVERTER;RUS7361I CBL | |
| | 63054-401-670 | CABLE-COAXIAL ASSY;UL B65 AWG 100 AA | |
| | 63344-010-280 | HOLDER JACK;G-7 PAL(SCART) | |
| | 63104-600-110 | GROUND-CAP;PBSS T0.5 G-7C | |
| | 64519-903-170 | TUNER;TERE 7X008A | |
| | 63054-222-270 | WIRE-JUMPER(H-WRAP);1007 #26-SOLD WHT 27 | S.N.A |
| | 63054-211-140 | WIRE-GND;107 #18 BLK 140M/M(YY) | S.N.A |
| | 63954-100-320 | CERAMIC-PIPE;P12.6 5MM WHT | S.N.A |
| 146 | 64543-603-410 | SHIELD CASE TOP;SPTE T0.25(G-7W PAL) | S.N.A |
| 147 | 64543-603-110 | SHIELD CASE BODY;SPTE T0.25(G-7W PAL) | S.N.A |
| C | 61607-401-471 | C-ELECTROLYTIC;CE04W TAPG 16V 100M(SG) | |
| C401 | 61607-401-430 | C-ELECTROLYTIC;CE04W TAPG 25V 10M | |
| C403 | 61407-101-230 | C-CERAMIC.TEMP;CC45 SL TAPG 50V 27-J | |
| C404 | 61407-105-250 | C-CERAMIC.TEMP;CC45 CH TAPG 50V 39-J | |
| C405 | 61407-101-200 | C-CERAMIC.TEMP;CC45 SL TAPG 50V 22-J | |
| C406 | 61607-401-430 | C-ELECTROLYTIC;CE04W TAPG 25V 10M | |
| C407 | 61607-401-430 | C-ELECTROLYTIC;CE04W TAPG 25V 10M | |
| C409 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C410 | 61607-401-440 | C-ELECTROLYTIC;CE04W TAPG 16V 22M | |
| C411 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C412 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C413 | 61607-402-200 | C-ELECTROLYTIC;CE04W TAPG 50V 0.47M | |
| C414 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C415 | 61609-401-500 | C-ELECTROLYTIC;CE04W 16V 470M | |
| C416 | 61407-101-121 | C-CERAMIC.TEMP;CC45 SL TAPG 50V 10-D | |
| C417 | 61607-402-421 | C-ELECTROLYTIC;CE04W TAPG 25V 0.22M | |
| C418 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C419 | 61417-109-220 | C-CERAMIC.HK;CK45 F TAPG 50V 0.022M-Z | |
| C420 | 61507-121-510 | C-POLYESTER;CQ921M TAPG 100V 0.022M-K | |
| C421 | 61607-402-210 | C-ELECTROLYTIC;CE04W TAPG 50V 1M | |
| C422 | 61607-402-210 | C-ELECTROLYTIC;CE04W TAPG 50V 1M | |
| C423 | 61507-121-630 | C-POLYESTER;CQ921M TAPG 100V 0.012MK | |
| C424 | 61607-401-430 | C-ELECTROLYTIC;CE04W TAPG 25V 10M | |
| C425 | 61407-105-640 | C-CERAMIC.TEMP;CC45 CH TAPG 50V 2-C | |
| C426 | 61609-401-500 | C-ELECTROLYTIC;CE04W 16V 470M | |
| C427 | 61407-101-483 | C-CERAMIC TEMP;CC45 SL TAPG 50V 47J | |
| C428 | 61607-402-210 | C-ELECTROLYTIC;CE04W TAPG 50V 1M | |
| C429 | 61609-401-500 | C-ELECTROLYTIC;CE04W 16V 470M | |
| C430 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C431 | 61407-105-320 | C-CERAMIC.TEMP;CC45 CH TAPG 50V 82-J | |
| C432 | 61607-401-430 | C-ELECTROLYTIC;CE04W TAPG 25V 10M | |
| C433 | 61607-401-460 | C-ELECTROLYTIC(SG);CE04W TAPG 16V 47M | |
| C434 | 61417-109-210 | C-CERAMIC.HK;CK45 F TAPG 50V 0.1M-Z | |
| C436 | 61407-105-320 | C-CERAMIC.TEMP;CC45 CH TAPG 50V 82-J | |
| C450 | 61607-401-460 | C-ELECTROLYTIC(SG);CE04W TAPG 16V 47M | |
| CN604 | 63349-062-310 | CONNECTOR-WAFER;5267-02A | |
| D401 | 62169-406-482 | DIODE;1N4148 SAMSUNG | |
| DC01 | 61407-101-460 | C-CERAMIC.TEMP;CC45 SL TAPG 50V 270-J | |
| DC02 | 61507-121-260 | C-POLYESTER;CQ921M TAPG 50V 0.1M-J | |
| DC03 | 61407-101-230 | C-CERAMIC.TEMP;CC45 SL TAPG 50V 27-J | |
| DC04 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| DC05 | 61407-101-170 | C-CERAMIC TEMP;CC45 SL TAPG 50V 150-J | |
| DC06 | 61407-101-170 | C-CERAMIC TEMP;CC45 SL TAPG 50V 150-J | |
| DC07 | 61407-101-480 | C-CERAMIC TEMP;CC45 SL TAPG 50V 330-J | |
| DC08 | 61407-101-230 | C-CERAMIC.TEMP;CC45 SL TAPG 50V 27-J | |
| DD01 | 62169-406-482 | DIODE;1N4148 SAMSUNG | |
| DFL01 | 64529-310-012 | CERAMIC-FILTER;SFE-5.5MB | |
| DFL02 | 64529-425-030 | FILTER-CERAMIC;SFE 6.5MB | |
| DFL03 | 64529-310-012 | CERAMIC-FILTER;SFE-5.5MB | |
| DFL04 | 62429-037-041 | SIF-COIL;CX-517F (1MHZ) | |
| DQ01 | 62137-301-900 | TRANSISTOR;KSC 838-Y TAPG | |
| DQ03 | 62137-301-900 | TRANSISTOR;KSC 838-Y TAPG | |
| DQ04 | 62137-701-013 | TRANSISTOR;KSR 1004 TAPG | |
| DQ05 | 62137-701-019 | DIGITAL TRANSISTOR;KSR2001-B TAPG | |
| DR01 | 61048-177-122 | R-METAL FILM;RM 1/8TS 1.2K-J | |
| DR02 | 61048-177-562 | R-METAL FILM;RM 1/8TS 5.6K-J | |
| DR03 | 61048-177-681 | R-METAL FILM;RM 1/8TS 680-J | |
| DR04 | 61048-177-682 | R-METAL FILM;RM 1/8TS 6.8K-J | |
| DR05 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| DR06 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| DR07 | 61048-177-101 | R-METAL FILM;RM 1/8TS 100-J | |
| DR08 | 61048-177-152 | R-METAL FILM;RM 1/8TS 1.5K-J | |
| DR09 | 61048-177-152 | R-METAL FILM;RM 1/8TS 1.5K-J | |
| DR10 | 61048-177-203 | R-METAL FILM;RM 1/8TS 20K-J | |
| DR11 | 61048-177-203 | R-METAL FILM;RM 1/8TS 20K-J | |
| DR12 | 61048-177-241 | R-METAL FILM;RM 1/8TS 240-J | |
| DR13 | 61048-177-101 | R-METAL FILM;RM 1/8TS 100-J | |
| DR15 | 61048-177-393 | R-METAL FILM;RM 1/8TS 39K-J | |
| FL301 | 64529-416-024 | FILTER-LC;DL-EQ(S8514) | |
| FL401 | 64529-421-022 | CERAMIC-TRAP;TPS 6.5MB | |
| FL402 | 64529-418-064 | FILTER-SAW;TSF-1321 | |
| FL403 | 62719-049-014 | TRANS-COIL(T3);55M TUNING-COIL | |
| FL404 | 62719-049-013 | TRANS-AFT(T2);40MHZ AFT-BAL | |
| FL405 | 62719-049-012 | TRANS-RESONANT(T1);40MHZ V-DET | |
| FL410 | 62429-832-880 | COIL VARIABLE;1.2CH PSF MATCH | |
| FL411 | 64529-421-021 | CERAMIC-TRAP;TPS-5.5MB | |
| IC401 | 62119-101-745 | IC;TA8611AN | |
| IC402 | 62119-501-560 | IC-L;KA33V | |
| IC403 | 62119-101-748 | IC;TA7348P | |
| IC404 | 62119-101-748 | IC;TA7348P | |
| J3 | 63054-222-150 | WIRE-JUMPER(H-WRAP);1007 #26-SOLD WHT 15 | S.N.A |
| L401 | 62427-812-829 | COIL-PEAKING;EL0606 8.2UH | |
| L402 | 62427-812-278 | COIL-PEAKING;EL0606RA-270J(27UH) TAPG | |
| L403 | 62429-811-010 | COIL-PEAKING;DAESIN 10NZ R55K | |
| L404 | 62427-812-229 | COIL-PEAKING;EL0606RA-2R2K(2.2UH) TAPG | |
| L405 | 62429-833-101 | COIL-PEAKING AXIAL;BAL04ST 101K | |
| L406 | 62427-812-220 | COIL-PEAKING;EL0606RA-220J(22UH) TAPG | |
| L407 | 62429-833-101 | COIL-PEAKING AXIAL;BAL04ST 101K | |
| L408 | 62429-833-101 | COIL-PEAKING AXIAL;BAL04ST 101K | |
| Q402 | 62137-103-380 | TRANSISTOR;KSA 733-Y TAPG | |
| Q403 | 62137-302-740 | TRANSISTOR;KSC 945-Y TAPG | |
| Q404 | 62147-101-950 | TRANSISTOR;KSA 643-Y TAPG | |
| Q405 | 62137-701-013 | TRANSISTOR;KSR 1004 TAPG | |
| Q406 | 62139-301-090 | TRANSISTOR;KTC 388ATM | |
| Q407 | 62137-701-013 | TRANSISTOR;KSR 1004 TAPG | |
| Q408 | 62137-301-900 | TRANSISTOR;KSC 838-Y TAPG | |
| Q411 | 62137-302-740 | TRANSISTOR;KSC 945-Y TAPG | |
| R | 61048-177-750 | R-METAL FILM;RM 1/8TS 75-J | |
| R199 | 61049-327-680 | R-METAL OXIDE;RS 2P 68-J | |

*. S.N.A : SERVICE NOT AVAILABLE.

| LOCA.NO | PART-NUMBER | DESCRIPTION;SPECIFICATION | REMARK |
|---|---|---|---|
| R402 | 61048-177-221 | R-METAL FILM;RM 1/8TS 220-J | |
| R403 | 61048-177-202 | R-METAL FILM;RM 1/8TS 2K-J | |
| R405 | 61048-177-750 | R-METAL FILM;RM 1/8TS 75-J | |
| R406 | 61048-177-103 | R-METAL FILM;RM 1/8TS 10K-J | |
| R407 | 61048-177-680 | R-METAL FILM;RM 1/8TS 68-J | |
| R408 | 61048-177-101 | R-METAL FILM;RM 1/8TS 100-J | |
| R409 | 61048-177-331 | R-METAL FILM;RM 1/8TS 330-J | |
| R410 | 61048-177-562 | R-METAL FILM;RM 1/8TS 5.6K-J | |
| R411 | 61048-177-681 | R-METAL FILM;RM 1/8TS 680-J | |
| R412 | 61048-177-101 | R-METAL FILM;RM 1/8TS 100-J | |
| R413 | 61048-177-122 | R-METAL FILM;RM 1/8TS 1.2K-J | |
| R414 | 61048-177-270 | R-METAL FILM;RM 1/8TS 27-J | |
| R415 | 61048-177-332 | R-METAL FILM;RM 1/8TS 3.3K-J | |
| R416 | 61048-177-393 | R-METAL FILM;RM 1/8TS 39K-J | |
| R417 | 61048-177-221 | R-METAL FILM;RM 1/8TS 220-J | |
| R418 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| R420 | 61048-177-510 | R-METAL FILM;RM 1/8TS 51-J | |
| R421 | 61048-177-103 | R-METAL FILM;RM 1/8TS 10K-J | |
| R422 | 61048-177-104 | R-METAL FILM;RM 1/8TS 100K-J | |
| R423 | 61048-177-393 | R-METAL FILM;RM 1/8TS 39K-J | |
| R424 | 61048-177-683 | R-METAL FILM;RM 1/8TS 68K-J | |
| R425 | 61048-177-512 | R-METAL FILM;RM 1/8TS 5.1K-J | |
| R427 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| R428 | 61048-177-682 | R-METAL FILM;RM 1/8TS 6.8K-J | |
| R429 | 61048-177-473 | R-METAL FILM;RM 1/8TS 47K-J | |
| R430 | 61048-177-683 | R-METAL FILM;RM 1/8TS 68K-J | |
| R431 | 61048-177-911 | R-METAL FILM;RM 1/8TS 910-J | |
| R432 | 61048-177-561 | R-METAL FILM;RM 1/8TS 560-J | |
| R433 | 61048-177-223 | R-METAL FILM;RM 1/8TS 22K-J | |
| R434 | 61048-177-223 | R-METAL FILM;RM 1/8TS 22K-J | |
| R435 | 61048-177-750 | R-METAL FILM;RM 1/8TS 75-J | |
| R437 | 61048-177-101 | R-METAL FILM;RM 1/8TS 100-J | |
| R440 | 61048-177-103 | R-METAL FILM;RM 1/8TS 10K-J | |
| R441 | 61048-177-103 | R-METAL FILM;RM 1/8TS 10K-J | |
| R443 | 61048-177-101 | R-METAL FILM;RM 1/8TS 100-J | |
| R445 | 61048-177-103 | R-METAL FILM;RM 1/8TS 10K-J | |
| R446 | 61048-177-122 | R-METAL FILM;RM 1/8TS 1.2K-J | |
| R448 | 61048-177-101 | R-METAL FILM;RM 1/8TS 100-J | |
| R449 | 61048-177-272 | R-METAL FILM;RM 1/8TS 2.7K-J | |
| R450 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| R451 | 61048-177-152 | R-METAL FILM;RM 1/8TS 1.5K-J | |
| R460 | 61048-177-103 | R-METAL FILM;RM 1/8TS 10K-J | |
| R469 | 61048-177-680 | R-METAL FILM;RM 1/8TS 68-J | |
| VR401 | 61246-105-103 | VR-SEMI;RH0615C 10KB | |
| | 63005-006-819 | PWB-MAIN (A);94V0 1.6X247X297 VK-8220 | S.N.A |
| CN602 | 63053-607-011 | LEAD CONN ASSY;1427 #26 BLK 360 CN20S | |
| CN104 | 63053-607-050 | LEAD CONN ASSY;1429 #26 BLK 130 CN302 | |
| CN603 | 63053-607-470 | LEAD CONN ASSY;1429 #26 BLK 250 CN801 | |
| CN601 | 63053-607-470 | LEAD CONN ASSY;1429 #26 BLK 250 CN801 | |
| CN401 | 63053-614-828 | LEAD CONN ASSY;1429 #26 BRN 230 CN304 | |
| CN204 | 63053-625-373 | LEAD CONN ASSY;1429 #26 BLK 300 CN3102 | |
| J5 | 63054-222-100 | WIRE-JUMPER(H-WRAP);1007 #26 WHT 100 | S.N.A |
| MAIN-A | TUNER PARTS | : USED ONLY FOR VX-8220/8220M MODEL | |
| | 63954-100-320 | CERAMIC-PIPE;PI2.6 5MM WHT | S.N.A |
| | 63054-401-670 | CABLE-COAXIAL ASSY;UL B65 AWG 100 AA | |
| | 63344-010-280 | HOLDER JACK;G-7 PAL(SCART) | |
| | 63104-600-110 | GROUND-CAP;PBSS T0.5 G-7C | |
| | 62569-002-211 | RF CONVERTER;MCB4-UG 3609(S) | |
| | 64519-903-170 | TUNER;TERE 7X008A | |
| | 63054-211-140 | WIRE-GND;107 #18 BLK 140M/M(YY) | S.N.A |
| | 63124-103-330 | PIN-TEST POINT;BSW 1/4H PI1.0 SN | |
| C401 | 61607-401-430 | C-ELECTROLYTIC;CE04W TAPG 25V 10M | |
| C403 | 61407-101-230 | C-CERAMIC.TEMP;CC45 SL TAPG 50V 27-J | |
| C404 | 61407-105-250 | C-CERAMIC.TEMP;CC45 CH TAPG 50V 39-J | |
| C405 | 61407-101-200 | C-CERAMIC.TEMP;CC45 SL TAPG 50V 22-J | |
| C406 | 61607-401-430 | C-ELECTROLYTIC;CE04W TAPG 25V 10M | |
| C407 | 61607-401-430 | C-ELECTROLYTIC;CE04W TAPG 25V 10M | |
| C408 | 61407-101-230 | C-CERAMIC.TEMP;CC45 SL TAPG 50V 27-J | |
| C409 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C410 | 61607-401-440 | C-ELECTROLYTIC;CE04W TAPG 16V 22M | |
| C411 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C412 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C413 | 61607-402-280 | C-ELECTROLYTIC;CE04W TAPG 50V 0.47M | |
| C414 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C415 | 61609-401-500 | C-ELECTROLYTIC;CE04W 16V 470M | |
| C416 | 61407-101-121 | C-CERAMIC.TEMP;CC45 SL TAPG 50V 10-D | |
| C417 | 61607-402-421 | C-ELECTROLYTIC;CE04W TAPG 25V 0.22M | |
| C418 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C419 | 61419-109-220 | C-CERAMIC HK;CK45 F 50V 0.022M-Z | |
| C420 | 61419-109-220 | C-CERAMIC HK;CK45 F 50V 0.022M-Z | |
| C421 | 61607-402-210 | C-ELECTROLYTIC;CE04W TAPG 50V 1M | |
| C422 | 61607-402-210 | C-ELECTROLYTIC;CE04W TAPG 50V 1M | |
| C423 | 61507-121-630 | C-POLTESTER;CQ921M TAPG 100V 0.012MK | |
| C424 | 61607-401-430 | C-ELECTROLYTIC;CE04W TAPG 25V 10M | |
| C425 | 61407-105-640 | C-CERAMIC.TEMP;CC45 CH TAPG 50V 2-C | |
| C426 | 61609-401-500 | C-ELECTROLYTIC;CE04W 16V 470M | |
| C427 | 61407-101-483 | C-CERAMIC TEMP;CC45 SL TAPG 50V 47J | |
| C428 | 61607-402-210 | C-ELECTROLYTIC;CE04W TAPG 50V 1M | |
| C429 | 61609-401-500 | C-ELECTROLYTIC;CE04W 16V 470M | |
| C430 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C431 | 61407-105-320 | C-CERAMIC.TEMP;CC45 CH TAPG 50V 82-J | |
| C432 | 61607-401-430 | C-ELECTROLYTIC;CE04W TAPG 25V 10M | |
| C433 | 61607-401-460 | C-ELECTROLYTIC(SG);CE04W TAPG 16V 47M | |
| C434 | 61417-109-210 | C-CERAMIC.HK;CK45 F TAPG 50V 0.1M-Z | |
| C435 | 61407-101-230 | C-CERAMIC.TEMP;CC45 SL TAPG 50V 27-J | |
| C436 | 61407-105-320 | C-CERAMIC.TEMP;CC45 CH TAPG 50V 82-J | |
| C450 | 61609-401-460 | C-ELECTROLYTIC;CE04W 16V 47M | |
| D401 | 62169-406-482 | DIODE;1N4148 SAMSUNG | |
| FL301 | 64529-417-101 | FILTER-LC;DL-EQ(E0126) | |
| FL401 | 64529-421-021 | CERAMIC-TRAP;TPS-5.5MB | |
| FL402 | 64529-418-041 | FILTER-SAW;TSF-1303 | |
| FL403 | 62719-049-014 | TRANS-COIL(T3);55M TUNING-COIL | |
| FL404 | 62719-049-013 | TRANS-AFT(T2);40MHZ AFT-BAL | |
| FL405 | 62719-049-012 | TRANS-RESONANT(T1);40MHZ V-DET | |
| FL407 | 62429-832-020 | COIL-TRAP;DAISIN 40.4MHZ(G-5.7) | |
| FL408 | 62429-832-010 | COIL-TRAP;DAESIN 32.4MHZ(G-7) | |
| FL409 | 64529-310-012 | CERAMIC-FILTER;SFE-5.5MB | |
| FL410 | 62429-832-080 | COIL VARIABLE;1.2CH PSF MATCH | |
| FL411 | 64529-421-020 | CERAMIC-TRAP;TPS-6.0MB | |
| IC401 | 62119-101-745 | IC;TA8611AN | |
| IC402 | 62119-501-560 | IC-L;KA33V | |
| IC403 | 62119-101-748 | IC;TA7348P | |
| IC404 | 62119-101-748 | IC;TA7348P | |
| L401 | 62427-812-829 | COIL-PEAKING;EL0606 8.2UH | |
| L402 | 62427-812-270 | COIL-PEAKING;EL0606RA-270J(27UH) TAPG | |
| L404 | 62427-812-229 | COIL-PEAKING;EL0606RA-2R2K(2.2UH) TAPG | |
| L405 | 62429-833-101 | COIL-PEAKING AXIAL;BAL04ST 101K | |
| L406 | 62427-812-220 | COIL-PEAKING;EL0606RA-220J(22UH) TAPG | |
| L407 | 62429-833-101 | COIL-PEAKING AXIAL;BAL04ST 101K | |
| L408 | 62429-833-101 | COIL-PEAKING AXIAL;BAL04ST 101K | |
| L450 | 62429-833-101 | COIL-PEAKING AXIAL;BAL04ST 101K | |
| Q402 | 62137-103-380 | TRANSISTOR;KSA 733-Y TAPG | |
| Q403 | 62137-302-740 | TRANSISTOR;KSC 945-Y TAPG | |
| Q404 | 62147-101-950 | TRANSISTOR;KSA 643-Y TAPG | |
| Q405 | 62137-701-013 | TRANSISTOR;KSR 1004 TAPG | |
| Q406 | 62429-811-010 | COIL-PEAKING;DAESIN 10NZ R55K | |
| Q406 | 62139-301-090 | TRANSISTOR;KTC 388ATM | |
| Q407 | 62137-701-013 | TRANSISTOR;KSR 1004 TAPG | |
| Q408 | 62137-301-900 | TRANSISTOR;KSC 838-Y TAPG | |
| Q411 | 62137-302-740 | TRANSISTOR;KSC 945-Y TAPG | |
| R199 | 61049-327-680 | R-METAL OXIDE;RS 2P 68-J | |
| R402 | 61048-177-221 | R-METAL FILM;RM 1/8TS 220-J | |
| R403 | 61048-177-202 | R-METAL FILM;RM 1/8TS 2K-J | |
| R405 | 61048-177-750 | R-METAL FILM;RM 1/8TS 75-J | |
| R406 | 61048-177-103 | R-METAL FILM;RM 1/8TS 10K-J | |
| R407 | 61048-177-680 | R-METAL FILM;RM 1/8TS 68-J | |
| R408 | 61048-177-101 | R-METAL FILM;RM 1/8TS 100-J | |
| R409 | 61048-177-331 | R-METAL FILM;RM 1/8TS 330-J | |
| R410 | 61048-177-562 | R-METAL FILM;RM 1/8TS 5.6K-J | |
| R411 | 61048-177-681 | R-METAL FILM;RM 1/8TS 680-J | |
| R412 | 61048-177-101 | R-METAL FILM;RM 1/8TS 100-J | |
| R413 | 61048-177-122 | R-METAL FILM;RM 1/8TS 1.2K-J | |
| R414 | 61048-177-270 | R-METAL FILM;RM 1/8TS 27-J | |
| R415 | 61048-177-332 | R-METAL FILM;RM 1/8TS 3.3K-J | |
| R416 | 61048-177-393 | R-METAL FILM;RM 1/8TS 39K-J | |
| R417 | 61048-177-221 | R-METAL FILM;RM 1/8TS 220-J | |
| R418 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| R420 | 61048-177-510 | R-METAL FILM;RM 1/8TS 51-J | |
| R421 | 61048-177-103 | R-METAL FILM;RM 1/8TS 10K-J | |
| R422 | 61048-177-104 | R-METAL FILM;RM 1/8TS 100K-J | |
| R423 | 61048-177-393 | R-METAL FILM;RM 1/8TS 39K-J | |
| R424 | 61048-177-683 | R-METAL FILM;RM 1/8TS 68K-J | |
| R425 | 61048-177-512 | R-METAL FILM;RM 1/8TS 5.1K-J | |
| R427 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| R428 | 61048-177-682 | R-METAL FILM;RM 1/8TS 6.8K-J | |
| R429 | 61048-177-473 | R-METAL FILM;RM 1/8TS 47K-J | |
| R430 | 61048-177-683 | R-METAL FILM;RM 1/8TS 68K-J | |
| R431 | 61048-177-911 | R-METAL FILM;RM 1/8TS 910-J | |
| R432 | 61048-177-561 | R-METAL FILM;RM 1/8TS 560-J | |
| R433 | 61048-177-223 | R-METAL FILM;RM 1/8TS 22K-J | |
| R434 | 61048-177-223 | R-METAL FILM;RM 1/8TS 22K-J | |
| R435 | 61048-177-750 | R-METAL FILM;RM 1/8TS 75-J | |
| R437 | 61048-177-101 | R-METAL FILM;RM 1/8TS 100-J | |
| R440 | 61048-177-103 | R-METAL FILM;RM 1/8TS 10K-J | |
| R441 | 61048-177-103 | R-METAL FILM;RM 1/8TS 10K-J | |
| R442 | 61048-177-220 | R-METAL FILM;RM 1/8TS 22-J | |
| R443 | 61048-177-101 | R-METAL FILM;RM 1/8TS 100-J | |
| R445 | 61048-177-103 | R-METAL FILM;RM 1/8TS 10K-J | |
| R446 | 61048-177-122 | R-METAL FILM;RM 1/8TS 1.2K-J | |
| R448 | 61048-177-101 | R-METAL FILM;RM 1/8TS 100-J | |
| R449 | 61048-177-272 | R-METAL FILM;RM 1/8TS 2.7K-J | |
| R450 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| R451 | 61048-177-152 | R-METAL FILM;RM 1/8TS 1.5K-J | |
| R460 | 61048-177-103 | R-METAL FILM;RM 1/8TS 10K-J | |
| R469 | 61048-177-680 | R-METAL FILM;RM 1/8TS 68-J | |
| VR401 | 61246-105-103 | VR-SEMI;RH0615C 10KB | |

*. S.N.A : SERVICE NOT AVAILABLE.

| LOCA.NO | PART-NUMBER | DESCRIPTION;SPECIFICATION | REMARK |
|---|---|---|---|
| | 63005-006-819 | PWB-MAIN (A);94V0 1.6X247X297 VK-8220 | S.N.A |
| CN104 | 63053-607-050 | LEAD CONN ASSY;1429 #26 BLK 130 CN302 | |
| CN204 | 63053-625-373 | LEAD CONN ASSY;1429 #26 BLK 300 CN3102 | |
| CN401 | 63053-614-828 | LEAD CONN ASSY;1429 #26 BRN 230 CN304 | |
| CN601 | 63053-607-470 | LEAD CONN ASSY;1429 #26 BLK 250 CN801 | |
| CN602 | 63053-607-011 | LEAD CONN ASSY;1427 #26 BLK 360 CN205 | |
| CN603 | 63053-607-470 | LEAD CONN ASSY;1429 #26 BLK 250 CN801 | |
| JS | 63054-222-100 | WIRE-JUMPER(H-WRAP);1007 #26-SOLD WHT 10 | S.N.A |
| MAIN-A | TUNER PARTS | : USED ONLY FOR VX-8220E MODEL | |
| | 62569-002-216 | RF CONVERTER;RVS 2121BL-2 | |
| | 63104-600-110 | GROUND-CAP;PBSS T0.5 G-7C | |
| | 63054-401-670 | CABLE-COAXIAL ASSY;UL B65 AWG 100 AA | |
| | 63344-010-270 | HOLDER JACK;G-7 PAL(B.N.C) | |
| | 64519-903-170 | TUNER;TERE 7X008A | |
| | 63054-211-140 | WIRE-GND;107 #18 BLK 140M/M(YY) | |
| 146 | 64543-603-410 | SHIELD CASE TOP;SPTE T0.25(G-7W PAL) | |
| 147 | 64543-603-110 | SHIELD CASE BODY;SPTE T0.25(G-7W PAL) | |
| C401 | 61607-401-430 | C-ELECTROLYTIC;CE04W TAPG 25V 10M | |
| C403 | 61407-105-270 | C-CERAMIC.TEMP;CC45 CH TAPG 50V 27-J | |
| C404 | 61407-101-160 | C-CERAMIC.TEMP;CC45 SL TAPG 50V 15-J | |
| C405 | 61407-105-160 | C-CERAMIC.TEMP;CC45 CH TAPG 50V 18-J | |
| C406 | 61607-401-430 | C-ELECTROLYTIC;CE04W TAPG 25V 10M | |
| C409 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C410 | 61607-401-440 | C-ELECTROLYTIC;CE04W TAPG 16V 22M | |
| C411 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C412 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C413 | 61607-402-200 | C-ELECTROLYTIC;CE04W TAPG 50V 0.47M | |
| C414 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C415 | 61609-401-500 | C-ELECTROLYTIC;CE04W 16V 470M | |
| C416 | 61407-101-121 | C-CERAMIC.TEMP;CC45 SL TAPG 50V 10-D | |
| C417 | 61607-402-421 | C-ELECTROLYTIC;CE04W TAPG 25V 0.22M | |
| C418 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C419 | 61419-109-220 | C-CERAMIC HK;CK45 F 50V 0.022M-Z | |
| C420 | 61507-121-450 | C-POLYESTER;CQ921M TAPG 50V 0.0068M-K | |
| C421 | 61607-402-210 | C-ELECTROLYTIC;CE04W TAPG 50V 1M | |
| C422 | 61607-402-210 | C-ELECTROLYTIC;CE04W TAPG 50V 1M | |
| C423 | 61507-121-630 | C-POLTESTER;CQ921M TAPG 100V 0.012MK | |
| C425 | 61407-105-640 | C-CERAMIC.TEMP;CC45 CH TAPG 50V 2-C | |
| C427 | 61407-101-483 | C-CERAMIC TEMP;CC45 SL TAPG 50V 47J | |
| C428 | 61607-402-210 | C-ELECTROLYTIC;CE04W TAPG 50V 1M | |
| C429 | 61609-401-500 | C-ELECTROLYTIC;CE04W 16V 470M | |
| C430 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C431 | 61407-105-320 | C-CERAMIC.TEMP;CC45 CH TAPG 50V 82-J | |
| C432 | 61607-401-430 | C-ELECTROLYTIC;CE04W TAPG 25V 10M | |
| C433 | 61609-401-500 | C-ELECTROLYTIC;CE04W 16V 470M | |
| C433 | 61607-401-460 | C-ELECTROLYTIC(SG);CE04W TAPG 16V 47M | |
| C434 | 61417-109-210 | C-CERAMIC.HK;CK45 F TAPG 50V 0.1M-Z | |
| C436 | 61407-105-320 | C-CERAMIC.TEMP;CC45 CH TAPG 50V 82-J | |
| FL301 | 64529-416-024 | FILTER-LC;DL-EQ(S8514) | |
| FL402 | 64529-418-041 | FILTER-SAW;TSF-1303 | |
| FL403 | 62719-049-014 | TRANS-COIL(T3);55M TUNING-COIL | |
| FL404 | 62719-049-013 | TRANS-AFT(T2);40MHZ AFT-BAL | |
| FL405 | 62719-049-012 | TRANS-RESONANT(TI);40MHZ V-DET | |
| FL409 | 64529-310-012 | CERAMIC-FILTER;SFE-5.5MB | |
| FL410 | 62429-832-080 | COIL VARIABLE;1.2CH PSF MATCH | |
| FL411 | 64529-421-021 | CERAMIC-TRAP;TPS-5.5MB | |
| IC401 | 62119-101-745 | IC;TA8611AN | |
| IC402 | 62119-501-560 | IC-L;KA33V | |
| IC403 | 62119-101-748 | IC;TA7348P | |
| IC404 | 62119-101-748 | IC;TA7348P | |
| L401 | 62427-812-829 | COIL-PEAKING;EL0606 8.2UH | |
| L402 | 62427-812-270 | COIL-PEAKING;EL0606RA-270J(27UH) TAPG | |
| L403 | 62429-811-010 | COIL-PEAKING;DAESIN 10NZ R55K | |
| L404 | 62427-812-229 | COIL-PEAKING;EL0606RA-2R2K(2.2UH) TAPG | |
| L405 | 62429-833-101 | COIL-PEAKING AXIAL;BAL04ST 101K | |
| L406 | 62427-812-270 | COIL-PEAKING;EL0606RA-270J(27UH) TAPG | |
| L407 | 62429-833-101 | COIL-PEAKING AXIAL;BAL04ST 101K | |
| L408 | 62429-833-101 | COIL-PEAKING AXIAL;BAL04ST 101K | |
| Q402 | 62137-103-380 | TRANSISTOR;KSA 733-Y TAPG | |
| Q403 | 62137-302-740 | TRANSISTOR;KSC 945-Y TAPG | |
| Q406 | 62139-301-090 | TRANSISTOR;KTC 388ATM | |
| Q407 | 62137-701-013 | TRANSISTOR;KSR 1004 TAPG | |
| Q408 | 62137-301-900 | TRANSISTOR;KSC 838-Y TAPG | |
| Q409 | 62137-701-013 | TRANSISTOR;KSR 1004 TAPG | |
| Q410 | 62137-701-019 | DIGITAL TRANSISTOR;KSR2001-B TAPG | |
| Q411 | 62137-302-740 | TRANSISTOR;KSC 945-Y TAPG | |
| R402 | 61048-177-331 | R-METAL FILM;RM 1/8TS 330-J | |
| R403 | 61048-177-202 | R-METAL FILM;RM 1/8TS 2K-J | |
| R405 | 61048-177-750 | R-METAL FILM;RM 1/8TS 75-J | |
| R406 | 61048-177-103 | R-METAL FILM;RM 1/8TS 10K-J | |
| R407 | 61048-177-750 | R-METAL FILM;RM 1/8TS 75-J | |
| R408 | 61048-177-101 | R-METAL FILM;RM 1/8TS 100-J | |
| R409 | 61048-177-331 | R-METAL FILM;RM 1/8TS 330-J | |
| R410 | 61048-177-562 | R-METAL FILM;RM 1/8TS 5.6K-J | |
| R411 | 61048-177-681 | R-METAL FILM;RM 1/8TS 680-J | |
| R412 | 61048-177-101 | R-METAL FILM;RM 1/8TS 100-J | |
| R413 | 61048-177-122 | R-METAL FILM;RM 1/8TS 1.2K-J | |
| R414 | 61048-177-270 | R-METAL FILM;RM 1/8TS 27-J | |
| R415 | 61048-177-332 | R-METAL FILM;RM 1/8TS 3.3K-J | |
| R416 | 61048-177-393 | R-METAL FILM;RM 1/8TS 39K-J | |
| R417 | 61048-177-221 | R-METAL FILM;RM 1/8TS 220-J | |
| R418 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| R420 | 61048-177-510 | R-METAL FILM;RM 1/8TS 51-J | |
| R421 | 61048-177-103 | R-METAL FILM;RM 1/8TS 10K-J | |
| R422 | 61048-177-683 | R-METAL FILM;RM 1/8TS 68K-J | |
| R423 | 61048-177-393 | R-METAL FILM;RM 1/8TS 39K-J | |
| R424 | 61048-177-393 | R-METAL FILM;RM 1/8TS 39K-J | |
| R425 | 61048-177-512 | R-METAL FILM;RM 1/8TS 5.1K-J | |
| R427 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| R428 | 61048-177-682 | R-METAL FILM;RM 1/8TS 6.8K-J | |
| R429 | 61048-177-473 | R-METAL FILM;RM 1/8TS 47K-J | |
| R430 | 61048-177-683 | R-METAL FILM;RM 1/8TS 68K-J | |
| R431 | 61048-177-911 | R-METAL FILM;RM 1/8TS 910-J | |
| R432 | 61048-177-561 | R-METAL FILM;RM 1/8TS 560-J | |
| R437 | 61048-177-101 | R-METAL FILM;RM 1/8TS 100-J | |
| R443 | 61048-177-680 | R-METAL FILM;RM 1/8TS 68-J | |
| R445 | 61048-177-103 | R-METAL FILM;RM 1/8TS 10K-J | |
| R446 | 61048-177-122 | R-METAL FILM;RM 1/8TS 1.2K-J | |
| R448 | 61048-177-101 | R-METAL FILM;RM 1/8TS 100-J | |
| R449 | 61048-177-242 | R-METAL FILM;RM 1/8TS 2.4K-J | |
| R450 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| R451 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| R460 | 61048-177-103 | R-METAL FILM;RM 1/8TS 10K-J | |
| VR401 | 61246-105-103 | VR-SEMI;RH0615C 10KB | |
| | 63005-006-819 | PWB-MAIN (A);94V0 1.6X247X297 VK-8220 | S.N.A |
| CN602 | 63053-607-011 | LEAD CONN ASSY;1427 #26 BLK 360 CN205 | |
| CN104 | 63053-607-050 | LEAD CONN ASSY;1429 #26 BLK 130 CN302 | |
| CN603 | 63053-607-470 | LEAD CONN ASSY;1429 #26 BLK 250 CN801 | |
| CN601 | 63053-607-470 | LEAD CONN ASSY;1429 #26 BLK 250 CN801 | |
| CN401 | 63053-614-828 | LEAD CONN ASSY;1429 #26 BRN 230 CN304 | |
| CN204 | 63053-625-373 | LEAD CONN ASSY;1429 #26 BLK 300 CN3102 | |
| J5 | 63054-222-100 | WIRE-JUMPER(H-WRAP);1007 #26-SOLD WHT 10 | |
| MAIN-A | TUNER PARTS | : USED ONLY FOR VI-8220/8225 MODEL | |
| | 63054-401-670 | CABLE-COAXIAL ASSY;UL B65 AWG 100 AA | |
| | 63104-600-110 | GROUND-CAP;PBSS T0.5 G-7C | |
| | 63344-010-280 | HOLDER JACK;G-7 PAL(SCART) | |
| | 63124-103-330 | PIN-TEST POINT;BSW 1/4H PI1.0 SN | |
| | 62569-002-212 | RF-CONVERTER;MCB4-UB3605 | |
| | 64519-903-195 | TUNER;TERB 7X004A | |
| | 63054-211-140 | WIRE-GND;107 #18 BLK 140M/M(YY) | |
| C401 | 61607-401-430 | C-ELECTROLYTIC;CE04W TAPG 25V 10M | |
| C403 | 61409-105-830 | C-CERAMIC.TEMP;CC45 CH 50V 6-D | |
| C404 | 61407-105-250 | C-CERAMIC.TEMP;CC45 CH TAPG 50V 39-J | |
| C405 | 61407-101-200 | C-CERAMIC.TEMP;CC45 SL TAPG 50V 22-J | |
| C406 | 61607-401-430 | C-ELECTROLYTIC;CE04W TAPG 25V 10M | |
| C407 | 61607-401-430 | C-ELECTROLYTIC;CE04W TAPG 25V 10M | |
| C409 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C410 | 61607-401-440 | C-ELECTROLYTIC;CE04W TAPG 16V 22M | |
| C411 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C412 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C413 | 61607-402-200 | C-ELECTROLYTIC;CE04W TAPG 50V 0.47M | |
| C414 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C415 | 61609-401-500 | C-ELECTROLYTIC;CE04W 16V 470M | |
| C416 | 61407-101-121 | C-CERAMIC.TEMP;CC45 SL TAPG 50V 10-D | |
| C417 | 61607-402-421 | C-ELECTROLYTIC;CE04W TAPG 25V 0.22M | |
| C418 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C419 | 61419-109-220 | C-CERAMIC HK;CK45 F 50V 0.022M-Z | |
| C420 | 61419-109-220 | C-CERAMIC HK;CK45 F 50V 0.022M-Z | |
| C421 | 61607-402-210 | C-ELECTROLYTIC;CE04W TAPG 50V 1M | |
| C422 | 61607-402-210 | C-ELECTROLYTIC;CE04W TAPG 50V 1M | |
| C423 | 61507-121-630 | C-POLTESTER;CQ921M TAPG 100V 0.012MK | |
| C424 | 61607-401-430 | C-ELECTROLYTIC;CE04W TAPG 25V 10M | |
| C425 | 61407-105-640 | C-CERAMIC.TEMP;CC45 CH TAPG 50V 2-C | |
| C426 | 61609-401-500 | C-ELECTROLYTIC;CE04W 16V 470M | |
| C427 | 61407-101-483 | C-CERAMIC TEMP;CC45 SL TAPG 50V 47J | |
| C428 | 61607-402-210 | C-ELECTROLYTIC;CE04W TAPG 50V 1M | |
| C429 | 61609-401-500 | C-ELECTROLYTIC;CE04W 16V 470M | |
| C430 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C431 | 61407-105-320 | C-CERAMIC.TEMP;CC45 CH TAPG 50V 82-J | |
| C432 | 61607-401-430 | C-ELECTROLYTIC;CE04W TAPG 25V 10M | |
| C433 | 61607-401-460 | C-ELECTROLYTIC(SG);CE04W TAPG 16V 47M | |
| C434 | 61417-109-210 | C-CERAMIC.HK;CK45 F TAPG 50V 0.1M-Z | |
| C436 | 61407-105-320 | C-CERAMIC.TEMP;CC45 CH TAPG 50V 82-J | |
| D401 | 62169-406-482 | DIODE;1N4148 SAMSUNG | |
| FL301 | 64529-417-101 | FILTER-LC;DL-EQ(E0126) | |
| FL401 | 64529-421-020 | CERAMIC-TRAP;TPS-6.0MB | |
| FL402 | 64529-418-040 | FILTER-SAW;TSF 1306 | |
| FL403 | 62719-044-031 | TRANS-COIL(T3);6.0M TUNING COIL | |
| FL404 | 62719-049-013 | TRANS-AFT(T2);40MHZ AFT-BAL | |
| FL405 | 62719-049-012 | TRANS-RESONANT(TI);40MHZ V-DET | |
| FL406 | 64529-310-011 | CERAMIC-FILTER;SFE-6.0MB | |
| FL410 | 62429-832-080 | COIL VARIABLE;1.2CH PSF MATCH | |
| IC401 | 62119-101-745 | IC;TA8611AN | |
| IC402 | 62119-501-560 | IC-L;KA33V | |
| IC403 | 62119-101-748 | IC;TA7348P | |
| IC404 | 62119-101-748 | IC;TA7348P | |

*.S.N.A :SERVICE NOT AVAILABLE.

| LOCA.NO | PART-NUMBER | DESCRIPTION;SPECIFICATION | REMARK |
|---|---|---|---|
| L401 | 62427-812-150 | COIL-PEAKING;EL0606RA-150J(15UH) TAPG | |
| L402 | 62427-812-390 | COIL-PEAKING;EL0606RA-390J(39UH) TAPG | |
| L403 | 62429-811-010 | COIL-PEAKING;DAESIN 10NZ R55K | |
| L404 | 62427-812-229 | COIL-PEAKING;EL0606RA-2R2K(2.2UH) TAPG | |
| L405 | 62429-833-101 | COIL-PEAKING AXIAL;BAL04ST 101K | |
| L406 | 62427-812-220 | COIL-PEAKING;EL0606RA-220J(22UH) TAPG | |
| L407 | 62429-833-101 | COIL-PEAKING AXIAL;BAL04ST 101K | |
| L408 | 62429-833-101 | COIL-PEAKING AXIAL;BAL04ST 101K | |
| Q402 | 62137-103-380 | TRANSISTOR;KSA 733-Y TAPG | |
| Q403 | 62137-302-740 | TRANSISTOR;KSC 945-Y TAPG | |
| Q404 | 62147-101-950 | TRANSISTOR;KSA 643-Y TAPG | |
| Q405 | 62137-701-013 | TRANSISTOR;KSR 1004 TAPG | |
| Q406 | 62139-301-090 | TRANSISTOR;KTC 388ATM | |
| Q407 | 62137-701-013 | TRANSISTOR;KSR 1004 TAPG | |
| Q408 | 62137-301-900 | TRANSISTOR;KSC 838-Y TAPG | |
| Q411 | 62137-302-740 | TRANSISTOR;KSC 945-Y TAPG | |
| R402 | 61048-177-331 | R-METAL FILM;RM 1/8TS 330-J | |
| R403 | 61048-177-202 | R-METAL FILM;RM 1/8TS 2K-J | |
| R405 | 61048-177-750 | R-METAL FILM;RM 1/8TS 75-J | |
| R406 | 61048-177-103 | R-METAL FILM;RM 1/8TS 10K-J | |
| R407 | 61048-177-680 | R-METAL FILM;RM 1/8TS 68-J | |
| R408 | 61048-177-101 | R-METAL FILM;RM 1/8TS 100-J | |
| R409 | 61048-177-331 | R-METAL FILM;RM 1/8TS 330-J | |
| R410 | 61048-177-562 | R-METAL FILM;RM 1/8TS 5.6K-J | |
| R411 | 61048-177-681 | R-METAL FILM;RM 1/8TS 680-J | |
| R412 | 61048-177-101 | R-METAL FILM;RM 1/8TS 100-J | |
| R413 | 61048-177-122 | R-METAL FILM;RM 1/8TS 1.2K-J | |
| R414 | 61048-177-270 | R-METAL FILM;RM 1/8TS 27-J | |
| R415 | 61048-177-332 | R-METAL FILM;RM 1/8TS 3.3K-J | |
| R416 | 61048-177-393 | R-METAL FILM;RM 1/8TS 39K-J | |
| R417 | 61048-177-221 | R-METAL FILM;RM 1/8TS 220-J | |
| R418 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| R420 | 61048-177-510 | R-METAL FILM;RM 1/8TS 51-J | |
| R421 | 61048-177-103 | R-METAL FILM;RM 1/8TS 10K-J | |
| R422 | 61048-177-104 | R-METAL FILM;RM 1/8TS 100K-J | |
| R423 | 61048-177-393 | R-METAL FILM;RM 1/8TS 39K-J | |
| R424 | 61048-177-683 | R-METAL FILM;RM 1/8TS 68K-J | |
| R425 | 61048-177-512 | R-METAL FILM;RM 1/8TS 5.1K-J | |
| R427 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| R428 | 61048-177-682 | R-METAL FILM;RM 1/8TS 6.8K-J | |
| R429 | 61048-177-473 | R-METAL FILM;RM 1/8TS 47K-J | |
| R430 | 61048-177-683 | R-METAL FILM;RM 1/8TS 68K-J | |
| R431 | 61048-177-911 | R-METAL FILM;RM 1/8TS 910-J | |
| R432 | 61048-177-561 | R-METAL FILM;RM 1/8TS 560-J | |
| R433 | 61048-177-223 | R-METAL FILM;RM 1/8TS 22K-J | |
| R434 | 61048-177-223 | R-METAL FILM;RM 1/8TS 22K-J | |
| R435 | 61048-177-750 | R-METAL FILM;RM 1/8TS 75-J | |
| R436 | 61049-327-680 | R-METAL OXIDE;RS 2P 68-J | |
| R437 | 61048-177-101 | R-METAL FILM;RM 1/8TS 100-J | |
| R440 | 61048-177-103 | R-METAL FILM;RM 1/8TS 10K-J | |
| R441 | 61048-177-103 | R-METAL FILM;RM 1/8TS 10K-J | |
| R445 | 61048-177-103 | R-METAL FILM;RM 1/8TS 10K-J | |
| R446 | 61048-177-122 | R-METAL FILM;RM 1/8TS 1.2K-J | |
| R448 | 61048-177-101 | R-METAL FILM;RM 1/8TS 100-J | |
| R449 | 61048-177-272 | R-METAL FILM;RM 1/8TS 2.7K-J | |
| R450 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| R451 | 61048-177-152 | R-METAL FILM;RM 1/8TS 1.5K-J | |
| R460 | 61048-177-103 | R-METAL FILM;RM 1/8TS 10K-J | |
| R469 | 61048-177-680 | R-METAL FILM;RM 1/8TS 68-J | |
| VR401 | 61246-105-103 | VR-SEMI;RH0615C 10KB | |
| | 63005-006-819 | PWB-MAIN (A);94V0 1.6X247X297 VK-8220 | S.N.A |
| CN104 | 63053-607-050 | LEAD CONN ASSY;1429 #26 BLK 130 CN302 | |
| CN204 | 63053-625-374 | LEAD CONN ASSY;1533 #26 WHT 500 CN3101 | |
| CN401 | 63053-614-828 | LEAD CONN ASSY;1429 #26 BRN 230 CN304 | |
| CN601 | 63053-607-470 | LEAD CONN ASSY;1429 #26 BLK 250 CN801 | |
| CN602 | 63053-607-011 | LEAD CONN ASSY;1427 #26 BLK 360 CN205 | VI8220 |
| CN602 | 63053-607-011 | LEAD CONN ASSY;1427 #26 BLK 360 CN205 | VI8225 |
| CN603 | 63053-607-470 | LEAD CONN ASSY;1429 #26 BLK 250 CN801 | |
| MAIN-A | TUNER PARTS | : USED ONLY FOR VX-8225 MODEL | |
| | 63054-401-670 | CABLE-COAXIAL ASSY;UL B65 AWG 180 AA | |
| | 63954-180-320 | CERAMIC-PIPE;PI2.6 5MM WHT | S.N.A |
| | 63104-600-110 | GROUND-CAP;PBSS T0.5 G-7C | |
| | 63344-010-280 | HOLDER JACK;G-7 PAL(SCART) | |
| | 63124-103-330 | PIN-TEST POINT;BSW 1/4H PI1.0 SN | S.N.A |
| | 62569-002-211 | RF CONVERTER;MCB4-UG 3609(S) | |
| | 64519-903-170 | TUNER;TERE 7X008A | |
| | 63054-211-140 | WIRE-GND;107 #18 BLK 140M/M(YY) | S.N.A |
| C401 | 61607-401-430 | C-ELECTROLYTIC;CE04W TAPG 25V 10M | |
| C403 | 61407-101-230 | C-CERAMIC.TEMP;CC45 SL TAPG 50V 27-J | |
| C404 | 61407-105-250 | C-CERAMIC.TEMP;CC45 CH TAPG 50V 39-J | |
| C405 | 61407-101-200 | C-CERAMIC.TEMP;CC45 SL TAPG 50V 22-J | |
| C406 | 61607-401-430 | C-ELECTROLYTIC;CE04W TAPG 25V 10M | |
| C407 | 61607-401-430 | C-ELECTROLYTIC;CE04W TAPG 25V 10M | |
| C408 | 61407-101-230 | C-CERAMIC.TEMP;CC45 SL TAPG 50V 27-J | |
| C409 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C410 | 61607-401-440 | C-ELECTROLYTIC;CE04W TAPG 16V 22M | |
| C411 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C412 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C413 | 61607-402-200 | C-ELECTROLYTIC;CE04W TAPG 50V 0.47M | |
| C414 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C415 | 61609-401-500 | C-ELECTROLYTIC;CE04W 16V 470M | |
| C416 | 61407-101-121 | C-CERAMIC.TEMP;CC45 SL TAPG 50V 10-D | |
| C417 | 61607-402-421 | C-ELECTROLYTIC;CE04W TAPG 25V 0.22M | |
| C418 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C419 | 61419-109-220 | C-CERAMIC HK;CK45 F 50V 0.022M-Z | |
| C420 | 61419-109-220 | C-CERAMIC HK;CK45 F 50V 0.022M-Z | |
| C421 | 61607-402-210 | C-ELECTROLYTIC;CE04W TAPG 50V 1M | |
| C422 | 61607-402-210 | C-ELECTROLYTIC;CE04W TAPG 50V 1M | |
| C423 | 61507-121-630 | C-POLTESTER;CQ921M TAPG 100V 0.012MK | |
| C424 | 61607-401-430 | C-ELECTROLYTIC;CE04W TAPG 25V 10M | |
| C425 | 61407-105-640 | C-CERAMIC.TEMP;CC45 CH TAPG 50V 2-C | |
| C426 | 61609-401-500 | C-ELECTROLYTIC;CE04W 16V 470M | |
| C427 | 61407-101-483 | C-CERAMIC TEMP;CC45 SL TAPG 50V 47J | |
| C428 | 61607-402-210 | C-ELECTROLYTIC;CE04W TAPG 50V 1M | |
| C429 | 61609-401-500 | C-ELECTROLYTIC;CE04W 16V 470M | |
| C430 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C431 | 61407-105-320 | C-CERAMIC.TEMP;CC45 CH TAPG 50V 82-J | |
| C432 | 61607-401-430 | C-ELECTROLYTIC;CE04W TAPG 25V 10M | |
| C433 | 61607-401-460 | C-ELECTROLYTIC(SG);CE04W TAPG 16V 47M | |
| C434 | 61417-109-210 | C-CERAMIC.HK;CK45 F TAPG 50V 0.1M-Z | |
| C435 | 61407-101-230 | C-CERAMIC.TEMP;CC45 SL TAPG 50V 27-J | |
| C436 | 61407-105-320 | C-CERAMIC.TEMP;CC45 CH TAPG 50V 82-J | |
| C450 | 61609-401-460 | C-ELECTROLYTIC;CE04W 16V 47M | |
| D401 | 62169-406-482 | DIODE;1N4148 SAMSUNG | |
| FL301 | 64529-417-101 | FILTER-LC;DL-EQ(E0126) | |
| FL401 | 64529-421-021 | CERAMIC-TRAP;TPS-5.5MB | |
| FL402 | 64529-418-041 | FILTER-SAW;TSF-1303 | |
| FL403 | 62719-049-014 | TRANS-COIL(T3);55M TUNING-COIL | |
| FL404 | 62719-049-013 | TRANS-AFT(T2);40MHZ AFT-BAL | |
| FL405 | 62719-049-012 | TRANS-RESONANT(T1);40MHZ V-DET | |
| FL407 | 62429-832-020 | COIL-TRAP;DAISIN 40.4MHZ(G-5.7) | |
| FL408 | 62429-832-010 | COIL-TRAP;DAESIN 32.4MHZ(G-7) | |
| FL409 | 64529-310-012 | CERAMIC-FILTER;SFE-5.5MB | |
| FL410 | 62429-832-080 | COIL VARIABLE;1.2CH PSF MATCH | |
| FL411 | 64529-421-020 | CERAMIC-TRAP;TPS-6.0MB | |
| IC401 | 62119-101-745 | IC;TA8611AN | |
| IC402 | 62119-501-560 | IC-L;KA33V | |
| IC403 | 62119-101-748 | IC;TA7348P | |
| IC404 | 62119-101-748 | IC;TA7348P | |
| L401 | 62427-812-829 | COIL-PEAKING;EL0606 8.2UH | |
| L402 | 62427-812-270 | COIL-PEAKING;EL0606RA-270J(27UH) TAPG | |
| L404 | 62427-812-229 | COIL-PEAKING;EL0606RA-2R2K(2.2UH) TAPG | |
| L405 | 62429-833-101 | COIL-PEAKING AXIAL;BAL04ST 101K | |
| L406 | 62427-812-220 | COIL-PEAKING;EL0606RA-220J(22UH) TAPG | |
| L407 | 62429-833-101 | COIL-PEAKING AXIAL;BAL04ST 101K | |
| L408 | 62429-833-101 | COIL-PEAKING AXIAL;BAL04ST 101K | |
| L450 | 62429-833-101 | COIL-PEAKING AXIAL;BAL04ST 101K | |
| Q402 | 62137-103-380 | TRANSISTOR;KSA 733-Y TAPG | |
| Q403 | 62137-302-740 | TRANSISTOR;KSC 945-Y TAPG | |
| Q404 | 62147-101-950 | TRANSISTOR;KSA 643-Y TAPG | |
| Q405 | 62137-701-013 | TRANSISTOR;KSR 1004 TAPG | |
| Q406 | 62429-811-010 | COIL-PEAKING;DAESIN 10NZ R55K | |
| Q406 | 62139-301-090 | TRANSISTOR;KTC 388ATM | |
| Q407 | 62137-701-013 | TRANSISTOR;KSR 1004 TAPG | |
| Q408 | 62137-301-900 | TRANSISTOR;KSC 838-Y TAPG | |
| Q411 | 62137-302-740 | TRANSISTOR;KSC 945-Y TAPG | |
| R199 | 61049-327-680 | R-METAL OXIDE;RS 2P 68-J | |
| R402 | 61048-177-221 | R-METAL FILM;RM 1/8TS 220-J | |
| R403 | 61048-177-202 | R-METAL FILM;RM 1/8TS 2K-J | |
| R405 | 61048-177-750 | R-METAL FILM;RM 1/8TS 75-J | |
| R406 | 61048-177-103 | R-METAL FILM;RM 1/8TS 10K-J | |
| R407 | 61048-177-680 | R-METAL FILM;RM 1/8TS 68-J | |
| R408 | 61048-177-101 | R-METAL FILM;RM 1/8TS 100-J | |
| R409 | 61048-177-331 | R-METAL FILM;RM 1/8TS 330-J | |
| R410 | 61048-177-562 | R-METAL FILM;RM 1/8TS 5.6K-J | |
| R411 | 61048-177-681 | R-METAL FILM;RM 1/8TS 680-J | |
| R412 | 61048-177-101 | R-METAL FILM;RM 1/8TS 100-J | |
| R413 | 61048-177-122 | R-METAL FILM;RM 1/8TS 1.2K-J | |
| R414 | 61048-177-270 | R-METAL FILM;RM 1/8TS 27-J | |
| R415 | 61048-177-332 | R-METAL FILM;RM 1/8TS 3.3K-J | |
| R416 | 61048-177-393 | R-METAL FILM;RM 1/8TS 39K-J | |
| R417 | 61048-177-221 | R-METAL FILM;RM 1/8TS 220-J | |
| R418 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| R420 | 61048-177-510 | R-METAL FILM;RM 1/8TS 51-J | |
| R421 | 61048-177-103 | R-METAL FILM;RM 1/8TS 10K-J | |
| R422 | 61048-177-104 | R-METAL FILM;RM 1/8TS 100K-J | |
| R423 | 61048-177-393 | R-METAL FILM;RM 1/8TS 39K-J | |
| R424 | 61048-177-683 | R-METAL FILM;RM 1/8TS 68K-J | |
| R425 | 61048-177-512 | R-METAL FILM;RM 1/8TS 5.1K-J | |
| R427 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| R428 | 61048-177-682 | R-METAL FILM;RM 1/8TS 6.8K-J | |
| R429 | 61048-177-473 | R-METAL FILM;RM 1/8TS 47K-J | |
| R430 | 61048-177-683 | R-METAL FILM;RM 1/8TS 68K-J | |
| R431 | 61048-177-911 | R-METAL FILM;RM 1/8TS 910-J | |
| R432 | 61048-177-561 | R-METAL FILM;RM 1/8TS 560-J | |
| R433 | 61048-177-223 | R-METAL FILM;RM 1/8TS 22K-J | |
| R434 | 61048-177-223 | R-METAL FILM;RM 1/8TS 22K-J | |
| R435 | 61048-177-750 | R-METAL FILM;RM 1/8TS 75-J | |

*.S.N.A :SERVICE NOT AVAILABLE.

| LOCA.NO | PART-NUMBER | DESCRIPTION;SPECIFICATION | REMARK |
|---|---|---|---|
| R437 | 61048-177-101 | R-METAL FILM;RM 1/8TS 100-J | |
| R440 | 61048-177-103 | R-METAL FILM;RM 1/8TS 10K-J | |
| R441 | 61048-177-103 | R-METAL FILM;RM 1/8TS 10K-J | |
| R442 | 61048-177-220 | R-METAL FILM;RM 1/8TS 22-J | |
| R443 | 61048-177-101 | R-METAL FILM;RM 1/8TS 100-J | |
| R445 | 61048-177-103 | R-METAL FILM;RM 1/8TS 10K-J | |
| R446 | 61048-177-122 | R-METAL FILM;RM 1/8TS 1.2K-J | |
| R448 | 61048-177-101 | R-METAL FILM;RM 1/8TS 100-J | |
| R449 | 61048-177-272 | R-METAL FILM;RM 1/8TS 2.7K-J | |
| R450 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| R451 | 61048-177-152 | R-METAL FILM;RM 1/8TS 1.5K-J | |
| R460 | 61048-177-103 | R-METAL FILM;RM 1/8TS 10K-J | |
| R469 | 61048-177-680 | R-METAL FILM;RM 1/8TS 68-J | |
| VR401 | 61246-105-103 | VR-SEMI;RH0615C 10KB | |
| | 63005-006-819 | PWB-MAIN (A);94V0 1.6X247X297 VK-8220 | S.N.A |
| | 63053-614-850 | LEAD CONNECTOR ASSY;1429 #26 BLK170 | |
| CN104 | 63053-607-050 | LEAD CONN ASSY;1429 #26 BLK 130 CN302 | |
| CN204 | 63053-625-373 | LEAD CONN ASSY;1429 #26 BLK 300 CN3102 | |
| CN401 | 63053-614-828 | LEAD CONN ASSY;1429 #26 BRN 230 CN304 | |
| CN601 | 63349-062-410 | CONNECTOR-WAFER;5267-12A | |
| CN602 | 63053-607-011 | LEAD CONN ASSY;1427 #26 BLK 360 CN205 | |
| CN603 | 63053-607-470 | LEAD CONN ASSY;1429 #26 BLK 250 CN801 | |
| J5 | 63054-222-100 | WIRE-JUMPER(H-WRAP);1007 #26 WHT 100 | S.N.A |
| MAIN-A | TUNER PARTS | : USED ONLY FOR VD-8225 MODEL | |
| | 63344-010-060 | HOLDER JACK;G-7W B/G | |
| | 63054-401-670 | CABLE-COAXIAL ASSY;UL B65 AWG 100 AA | |
| | 66462-602-610 | CONNECTOR BOARD;VB-712/EA | |
| | 63104-600-110 | GROUND-CAP;PBSS T0.5 G-7C | |
| | 63054-211-140 | WIRE-GND;107 #18 BLK 140M/M(YY) | S.N.A |
| C401 | 61607-401-430 | C-ELECTROLYTIC;CE04W TAPG 25V 10M | |
| C403 | 61407-101-200 | C-CERAMIC.TEMP;CC45 SL TAPG 50V 22-J | |
| C404 | 61407-101-240 | C-CERAMIC.TEMP;CC45 SL TAPG 50V 33-J | |
| C405 | 61407-105-250 | C-CERAMIC.TEMP;CC45 CH TAPG 50V 39-J | |
| C406 | 61607-401-430 | C-ELECTROLYTIC;CE04W TAPG 25V 10M | |
| C409 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C410 | 61607-401-440 | C-ELECTROLYTIC;CE04W TAPG 16V 22M | |
| C411 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C412 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C413 | 61607-402-200 | C-ELECTROLYTIC;CE04W TAPG 50V 0.47M | |
| C414 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C415 | 61609-401-500 | C-ELECTROLYTIC;CE04W 16V 470M | |
| C418 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C419 | 61419-109-220 | C-CERAMIC HK;CK45 F 50V 0.022M-Z | |
| C420 | 61419-109-220 | C-CERAMIC HK;CK45 F 50V 0.022M-Z | |
| C421 | 61607-402-210 | C-ELECTROLYTIC;CE04W TAPG 50V 1M | |
| C422 | 61607-402-210 | C-ELECTROLYTIC;CE04W TAPG 50V 1M | |
| C423 | 61507-121-630 | C-POLTESTER;CQ921M TAPG 100V 0.012MK | |
| C425 | 61407-105-640 | C-CERAMIC.TEMP;CC45 CH TAPG 50V 2-C | |
| C426 | 61609-401-500 | C-ELECTROLYTIC;CE04W 16V 470M | |
| C427 | 61407-101-483 | C-CERAMIC TEMP;CC45 SL TAPG 50V 47J | |
| C428 | 61607-402-210 | C-ELECTROLYTIC;CE04W TAPG 50V 1M | |
| C429 | 61609-401-500 | C-ELECTROLYTIC;CE04W 16V 470M | |
| C430 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C431 | 61407-105-320 | C-CERAMIC.TEMP;CC45 CH TAPG 50V 82-J | |
| C432 | 61607-401-430 | C-ELECTROLYTIC;CE04W TAPG 25V 10M | |
| C433 | 61607-401-460 | C-ELECTROLYTIC(SG);CE04W TAPG 16V 47M | |
| C434 | 61417-109-210 | C-CERAMIC.HK;CK45 F TAPG 50V 0.1M-Z | |
| C436 | 61407-105-320 | C-CERAMIC.TEMP;CC45 CH TAPG 50V 82-J | |
| FL301 | 64529-417-101 | FILTER-LC;DL,EQ(E0126) | |
| FL4 | 64529-418-058 | FILTER-SAW;TSF-1313 | |
| FL403 | 62719-044-033 | TRANS-COIL(T3);6.5M SOUND-COIL | |
| FL405 | 62719-049-012 | TRANS-RESONANT(TI);40MHZ V-DET | |
| FL409 | 64529-425-030 | FILTER-CERAMIC;SFE 6.5MB | |
| FL410 | 62429-832-080 | COIL VARIABLE;1.2CH PSF MATCH | |
| FL411 | 64529-421-022 | CERAMIC-TRAP;TPS 6.5MB | |
| IC401 | 62119-101-745 | IC;TA8611AN | |
| IC402 | 62119-501-560 | IC-L;KA33V | |
| IC403 | 62119-101-748 | IC;TA7348P | |
| IC404 | 62119-101-748 | IC;TA7348P | |
| L401 | 62427-812-829 | COIL-PEAKING;EL0606 8.2UH | |
| L402 | 62427-812-270 | COIL-PEAKING;EL0606RA-270J(27UH) TAPG | |
| L403 | 62429-811-010 | COIL-PEAKING;DAESIN 10NZ R55K | |
| L404 | 62427-812-229 | COIL-PEAKING;EL0606RA-2R2K(2.2UH) TAPG | |
| L405 | 62429-833-101 | COIL-PEAKING AXIAL;BAL04ST 101K | |
| L406 | 62427-812-150 | COIL-PEAKING;EL0606RA-150J(15UH) TAPG | |
| L407 | 62429-833-101 | COIL-PEAKING AXIAL;BAL04ST 101K | |
| L408 | 62429-833-101 | COIL-PEAKING AXIAL;BAL04ST 101K | |
| Q402 | 62137-103-380 | TRANSISTOR;KSA 733-Y TAPG | |
| Q403 | 62137-302-740 | TRANSISTOR;KSC 945-Y TAPG | |
| Q406 | 62139-301-090 | TRANSISTOR;KTC 388ATM | |
| Q407 | 62137-701-013 | TRANSISTOR;KSR 1004 TAPG | |
| Q408 | 62137-301-900 | TRANSISTOR;KSC 838-Y TAPG | |
| Q409 | 62137-701-013 | TRANSISTOR;KSR 1004 TAPG | |
| Q410 | 62137-701-019 | DIGITAL TRANSISTOR;KSR2001-B TAPG | |
| R402 | 61048-177-241 | R-METAL FILM;RM 1/8TS 240-J | |
| R403 | 61048-177-202 | R-METAL FILM;RM 1/8TS 2K-J | |
| R405 | 61048-177-750 | R-METAL FILM;RM 1/8TS 75-J | |
| R406 | 61048-177-103 | R-METAL FILM;RM 1/8TS 10K-J | |
| R407 | 61048-177-680 | R-METAL FILM;RM 1/8TS 68-J | |
| R408 | 61048-177-101 | R-METAL FILM;RM 1/8TS 100-J | |
| R409 | 61048-177-331 | R-METAL FILM;RM 1/8TS 330-J | |
| R410 | 61048-177-562 | R-METAL FILM;RM 1/8TS 5.6K-J | |
| R411 | 61048-177-681 | R-METAL FILM;RM 1/8TS 680-J | |
| R412 | 61048-177-101 | R-METAL FILM;RM 1/8TS 100-J | |
| R413 | 61048-177-122 | R-METAL FILM;RM 1/8TS 1.2K-J | |
| R414 | 61048-177-270 | R-METAL FILM;RM 1/8TS 27-J | |
| R415 | 61048-177-332 | R-METAL FILM;RM 1/8TS 3.3K-J | |
| R416 | 61048-177-393 | R-METAL FILM;RM 1/8TS 39K-J | |
| R417 | 61048-177-221 | R-METAL FILM;RM 1/8TS 220-J | |
| R418 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| R420 | 61048-177-510 | R-METAL FILM;RM 1/8TS 51-J | |
| R421 | 61048-177-103 | R-METAL FILM;RM 1/8TS 10K-J | |
| R425 | 61048-177-512 | R-METAL FILM;RM 1/8TS 5.1K-J | |
| R427 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| R428 | 61048-177-682 | R-METAL FILM;RM 1/8TS 6.8K-J | |
| R429 | 61048-177-473 | R-METAL FILM;RM 1/8TS 47K-J | |
| R430 | 61048-177-683 | R-METAL FILM;RM 1/8TS 68K-J | |
| R431 | 61048-177-911 | R-METAL FILM;RM 1/8TS 910-J | |
| R432 | 61048-177-561 | R-METAL FILM;RM 1/8TS 560-J | |
| R437 | 61048-177-101 | R-METAL FILM;RM 1/8TS 100-J | |
| R445 | 61048-177-103 | R-METAL FILM;RM 1/8TS 10K-J | |
| R446 | 61048-177-122 | R-METAL FILM;RM 1/8TS 1.2K-J | |
| R448 | 61048-177-101 | R-METAL FILM;RM 1/8TS 100-J | |
| R449 | 61048-177-432 | R-METAL FILM;RM 1/8TS 4.3K-J | |
| R450 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| R451 | 61048-177-152 | R-METAL FILM;RM 1/8TS 1.5K-J | |
| R460 | 61048-177-103 | R-METAL FILM;RM 1/8TS 10K-J | |
| R469 | 61048-177-680 | R-METAL FILM;RM 1/8TS 68-J | |
| RF-CON | 62569-002-218 | RF CONVERTER;RVS-2121CL | |
| TU-PACK | 64519-902-018 | TUNER;ECC-7883PLE | |
| VR401 | 61246-105-103 | VR-SEMI;RH0615C 10KB | |
| | 63005-006-819 | PWB-MAIN (A);94V0 1.6X247X297 VK-8220 | S.N.A |
| | 63053-614-850 | LEAD CONNECTOR ASSY;1429/1007#26 BLK170 | |
| CN104 | 63053-607-050 | LEAD CONN ASSY;1429 #26 BLK 130 CN302 | |
| CN204 | 63053-625-373 | LEAD CONN ASSY;1429 #26 BLK 300 CN3102 | |
| CN401 | 63053-614-828 | LEAD CONN ASSY;1429 #26 BRN 230 CN304 | |
| CN601 | 63349-062-410 | CONNECTOR-WAFER;5267-12A | |
| CN602 | 63053-607-011 | LEAD CONN ASSY;1427 #26 BLK 360 CN205 | |
| CN603 | 63053-607-470 | LEAD CONN ASSY;1429 #26 BLK 250 CN801 | |
| J5 | 63054-222-100 | WIRE-JUMPER(H-WRAP);1007 #26-SOLD WHT 10 | |
| MAIN-A | TUNER PARTS | : USED ONLY FOR VB-8220A MODEL | |
| | 62569-002-184 | RF-CONVERTER;RVS-2121 AL | |
| | 63104-600-110 | GROUND-CAP;PBSS T0.5 G-7C | |
| | 63054-401-670 | CABLE-COAXIAL ASSY;UL B65 AWG30 BLK100AA | |
| | 63124-103-330 | PIN-TEST POINT;BSW 1/4H P11.0 SN | S.N.A |
| | 63344-010-270 | HOLDER JACK;G-7 PAL(B.N.C) | |
| | 64519-903-198 | TUNER;TERS 7X003A | |
| | 63054-211-140 | WIRE-GND;107 #18 BLK 140M/M(YY) | S.N.A |
| 146 | 64543-603-410 | SHIELD CASE TOP;SPTE T0.25(G-7W PAL) | |
| 147 | 64543-603-110 | SHIELD CASE BODY;SPTE T0.25(G-7W PAL) | |
| C401 | 61607-401-430 | C-ELECTROLYTIC;CE04W TAPG 25V 10M | |
| C403 | 61407-105-270 | C-CERAMIC.TEMP;CC45 CH TAPG 50V 27-J | |
| C404 | 61407-101-160 | C-CERAMIC.TEMP;CC45 SL TAPG 50V 15-J | |
| C405 | 61407-105-160 | C-CERAMIC.TEMP;CC45 CH TAPG 50V 18-J | |
| C406 | 61607-401-430 | C-ELECTROLYTIC;CE04W TAPG 25V 10M | |
| C409 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C410 | 61607-401-440 | C-ELECTROLYTIC;CE04W TAPG 16V 22M | |
| C411 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C412 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C413 | 61607-402-200 | C-ELECTROLYTIC;CE04W TAPG 50V 0.47M | |
| C414 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C415 | 61609-401-500 | C-ELECTROLYTIC;CE04W 16V 470M | |
| C416 | 61407-101-121 | C-CERAMIC.TEMP;CC45 SL TAPG 50V 10-D | |
| C417 | 61607-402-421 | C-ELECTROLYTIC;CE04W TAPG 25V 0.22M | |
| C418 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C419 | 61419-109-220 | C-CERAMIC HK;CK45 F 50V 0.022M-Z | |
| C420 | 61419-109-220 | C-CERAMIC HK;CK45 F 50V 0.022M-Z | |
| C421 | 61607-402-210 | C-ELECTROLYTIC;CE04W TAPG 50V 1M | |
| C422 | 61607-402-210 | C-ELECTROLYTIC;CE04W TAPG 50V 1M | |
| C423 | 61507-121-630 | C-POLTESTER;CQ921M TAPG 100V 0.012MK | |
| C425 | 61407-105-640 | C-CERAMIC.TEMP;CC45 CH TAPG 50V 2-C | |
| C426 | 61609-401-500 | C-ELECTROLYTIC;CE04W 16V 470M | |
| C427 | 61407-101-483 | C-CERAMIC TEMP;CC45 SL TAPG 50V 47J | |
| C428 | 61607-402-210 | C-ELECTROLYTIC;CE04W TAPG 50V 1M | |
| C429 | 61609-401-500 | C-ELECTROLYTIC;CE04W 16V 470M | |
| C430 | 61407-117-104 | C-CERAMIC AXIAL;TAPG Y 16V 0.01-N | |
| C431 | 61407-105-320 | C-CERAMIC.TEMP;CC45 CH TAPG 50V 82-J | |
| C432 | 61607-401-430 | C-ELECTROLYTIC;CE04W TAPG 25V 10M | |
| C433 | 61607-401-460 | C-ELECTROLYTIC(SG);CE04W TAPG 16V 47M | |
| C434 | 61417-109-210 | C-CERAMIC.HK;CK45 F TAPG 50V 0.1M-Z | |
| FL301 | 64529-416-024 | FILTER-LC;DL-EQ(S8514) | |
| FL402 | 64529-418-042 | FILTER-SAW;TSF-1307 | |
| FL403 | 62719-049-014 | TRANS-COIL(T3);55M TUNING-COIL | |
| FL404 | 62719-049-013 | TRANS-AFT(T2);40MHZ AFT-BAL | |
| FL405 | 62719-049-012 | TRANS-RESONANT(TI);40MHZ V-DET | |
| FL409 | 64529-310-012 | CERAMIC-FILTER;SFE-5.5MB | |

*. S.N.A :SERVICE NOT AVAILABLE

| LOCA.NO | PART-NUMBER | DESCRIPTION;SPECIFICATION | REMARK |
|---|---|---|---|
| FL410 | 62427-812-129 | COIL-PEAKING;EL0606RA-1R2K(1.2UH) TAPG | |
| FL411 | 64529-421-021 | CERAMIC-TRAP;TPS-5.5MB | |
| IC401 | 62119-101-745 | IC;TA8611AN | |
| IC402 | 62119-501-560 | IC-L;KA33V | |
| IC403 | 62119-101-748 | IC;TA7348P | |
| IC404 | 62119-101-748 | IC;TA7348P | |
| L401 | 62427-812-829 | COIL-PEAKING;EL0606 8.2UH | |
| L402 | 62427-812-220 | COIL-PEAKING;EL0606RA-220J(22UH) TAPG | |
| L403 | 62429-811-010 | COIL-PEAKING;DAESIN 10NZ R55K | |
| L404 | 62427-812-229 | COIL-PEAKING;EL0606RA-2R2K(2.2UH) TAPG | |
| L405 | 62427-814-101 | COIL-PEAKING AXIAL;BAL03 TAPG 101K | |
| L406 | 62427-812-270 | COIL-PEAKING;EL0606RA-270J(27UH) TAPG | |
| L407 | 62427-814-101 | COIL-PEAKING AXIAL;BAL03 TAPG 101K | |
| L408 | 62427-814-101 | COIL-PEAKING AXIAL;BAL03 TAPG 101K | |
| Q402 | 62137-103-380 | TRANSISTOR;KSA 733-Y TAPG | |
| Q403 | 62137-302-740 | TRANSISTOR;KSC 945-Y TAPG | |
| Q406 | 62139-301-890 | TRANSISTOR;KTC 388ATM | |
| Q407 | 62137-701-013 | TRANSISTOR;KSR 1004 TAPG | |
| Q408 | 62137-301-900 | TRANSISTOR;KSC 838-Y TAPG | |
| Q409 | 62137-701-013 | TRANSISTOR;KSR 1004 TAPG | |
| Q410 | 62137-701-019 | DIGITAL TRANSISTOR;KSR2001-B TAPG | |
| Q411 | 62137-302-740 | TRANSISTOR;KSC 945-Y TAPG | |
| R402 | 61048-177-221 | R-METAL FILM;RM 1/8TS 220-J | |
| R403 | 61048-177-202 | R-METAL FILM;RM 1/8TS 2K-J | |
| R405 | 61048-177-750 | R-METAL FILM;RM 1/8TS 75-J | |
| R406 | 61048-177-103 | R-METAL FILM;RM 1/8TS 10K-J | |
| R407 | 61048-177-680 | R-METAL FILM;RM 1/8TS 68-J | |
| R408 | 61048-177-101 | R-METAL FILM;RM 1/8TS 100-J | |
| R409 | 61048-177-331 | R-METAL FILM;RM 1/8TS 330-J | |
| R410 | 61048-177-562 | R-METAL FILM;RM 1/8TS 5.6K-J | |
| R411 | 61048-177-681 | R-METAL FILM;RM 1/8TS 680-J | |
| R412 | 61048-177-101 | R-METAL FILM;RM 1/8TS 100-J | |
| R413 | 61048-177-122 | R-METAL FILM;RM 1/8TS 1.2K-J | |
| R414 | 61048-177-270 | R-METAL FILM;RM 1/8TS 27-J | |
| R415 | 61048-177-332 | R-METAL FILM;RM 1/8TS 3.3K-J | |
| R416 | 61048-177-393 | R-METAL FILM;RM 1/8TS 39K-J | |
| R417 | 61048-177-221 | R-METAL FILM;RM 1/8TS 220-J | |
| R418 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| R420 | 61048-177-510 | R-METAL FILM;RM 1/8TS 51-J | |
| R421 | 61048-177-103 | R-METAL FILM;RM 1/8TS 10K-J | |
| R422 | 61048-177-104 | R-METAL FILM;RM 1/8TS 100K-J | |
| R423 | 61048-177-563 | R-METAL FILM;RM 1/8TS 56K-J | |
| R424 | 61048-177-473 | R-METAL FILM;RM 1/8TS 47K-J | |
| R425 | 61048-177-512 | R-METAL FILM;RM 1/8TS 5.1K-J | |
| R427 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| R428 | 61048-177-682 | R-METAL FILM;RM 1/8TS 6.8K-J | |
| R429 | 61048-177-473 | R-METAL FILM;RM 1/8TS 47K-J | |
| R430 | 61048-177-683 | R-METAL FILM;RM 1/8TS 68K-J | |
| R431 | 61048-177-911 | R-METAL FILM;RM 1/8TS 910-J | |
| R432 | 61048-177-561 | R-METAL FILM;RM 1/8TS 560-J | |
| R437 | 61048-177-101 | R-METAL FILM;RM 1/8TS 100-J | |
| R445 | 61048-177-103 | R-METAL FILM;RM 1/8TS 10K-J | |
| R446 | 61048-177-122 | R-METAL FILM;RM 1/8TS 1.2K-J | |
| R448 | 61048-177-101 | R-METAL FILM;RM 1/8TS 100-J | |
| R449 | 61048-177-392 | R-METAL FILM;RM 1/8TS 3.9K-J | |
| R450 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| R451 | 61048-177-102 | R-METAL FILM;RM 1/8TS 1K-J | |
| R460 | 61048-177-103 | R-METAL FILM;RM 1/8TS 10K-J | |
| R469 | 61048-177-680 | R-METAL FILM;RM 1/8TS 68-J | |
| VR401 | 61246-105-103 | VR-SEMI;RH0615C 10KB | |
| | 69812-603-030 | ASSY-PRE AMP | |
| | | | |
| | 64544-610-810 | CASE-BOTTOM PREAMP;SPTE 0.3T | S.N.A |
| | 64544-610-910 | CASE-TOP PREAMP;SPTE 0.3T | S.N.A |
| | 63379-600-078 | PC BOARD CONNECTOR;3024-10 AHPB | S.N.A |
| | 63005-006-649 | PWB-PRE AMP;PAL(G-8) 94V0 1.6X195X110.3 | S.N.A |
| | 63054-211-110 | WIRE-GND ASSY;1007 #18 150 BLK AO | |
| C3201 | 61607-161-101 | C-ELECTROLYTIC;CE04W TAPG 10V 100M(LL) | |
| C3202 | 61507-121-511 | C-POLTESTER;CQ921M TAPG 100V 0.022M-J | |
| C3203 | 61507-121-511 | C-POLTESTER;CQ921M TAPG 100V 0.022M-J | |
| C3204 | 61507-121-511 | C-POLTESTER;CQ921M TAPG 100V 0.022M-J | |
| C3205 | 61507-121-511 | C-POLTESTER;CQ921M TAPG 100V 0.022M-J | |
| C3206 | 61507-121-511 | C-POLTESTER;CQ921M TAPG 100V 0.022M-J | |
| C3207 | 61507-121-511 | C-POLTESTER;CQ921M TAPG 100V 0.022M-J | |
| C3208 | 61507-121-511 | C-POLTESTER;CQ921M TAPG 100V 0.022M-J | |
| C3209 | 61507-121-511 | C-POLTESTER;CQ921M TAPG 100V 0.022M-J | |
| C3210 | 61507-121-511 | C-POLTESTER;CQ921M TAPG 100V 0.022M-J | |
| C3211 | 61407-101-240 | C-CERAMIC.TEMP;CC45 SL TAPG 50V 33-J | |
| C3212 | 61407-101-240 | C-CERAMIC.TEMP;CC45 SL TAPG 50V 33-J | |
| C3213 | 61607-402-210 | C-ELECTROLYTIC;CE04W TAPG 50V 1M | |
| C3214 | 61507-121-511 | C-POLTESTER;CQ921M TAPG 100V 0.022M-J | |
| C3215 | 61607-401-471 | C-ELECTROLYTIC;CE04W TAPG 16V 100M(SG) | |
| CN301 | 63349-601-070 | CONNECTOR WAFER;5234-08A | |
| CN303 | 63053-609-995 | LEAD CONN ASSY;1429 #26 BLK 300 CN306 | |
| IC3201 | 62119-103-661 | IC;LA7320 | |
| L3201 | 62427-812-101 | COIL-PEAKING;EL0606RA-101J(100UH) TAPG | |
| L3202 | 62429-833-101 | COIL-PEAKING AXIAL;BAL04ST 101K | |
| R3201 | 61048-177-181 | R-METAL FILM;RM 1/8TS 180-J | |
| R3202 | 61048-177-221 | R-METAL FILM;RM 1/8TS 220-J | |
| R3203 | 61048-177-479 | R-METAL FILM;RM 1/8TS 4.7-J | |
| TP3201 | 65104-702-510 | PIN TEST POINT;BSW 1/2H PI0.9 SN7.5 | S.N.A |

*. S.N.A :SERVICE NOT AVAILABLE

# 7. MECHNICAL EXPLODED VIEWS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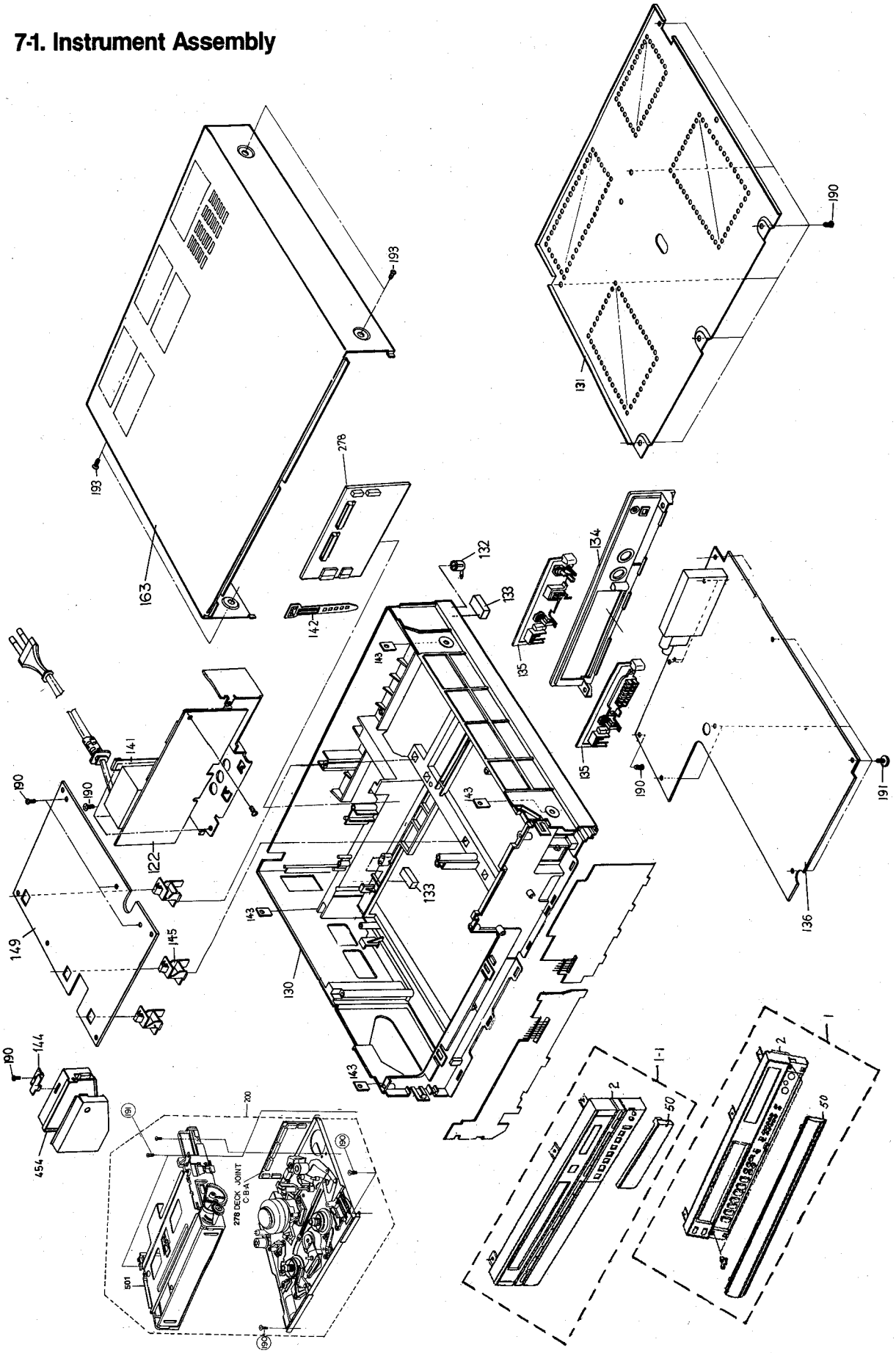
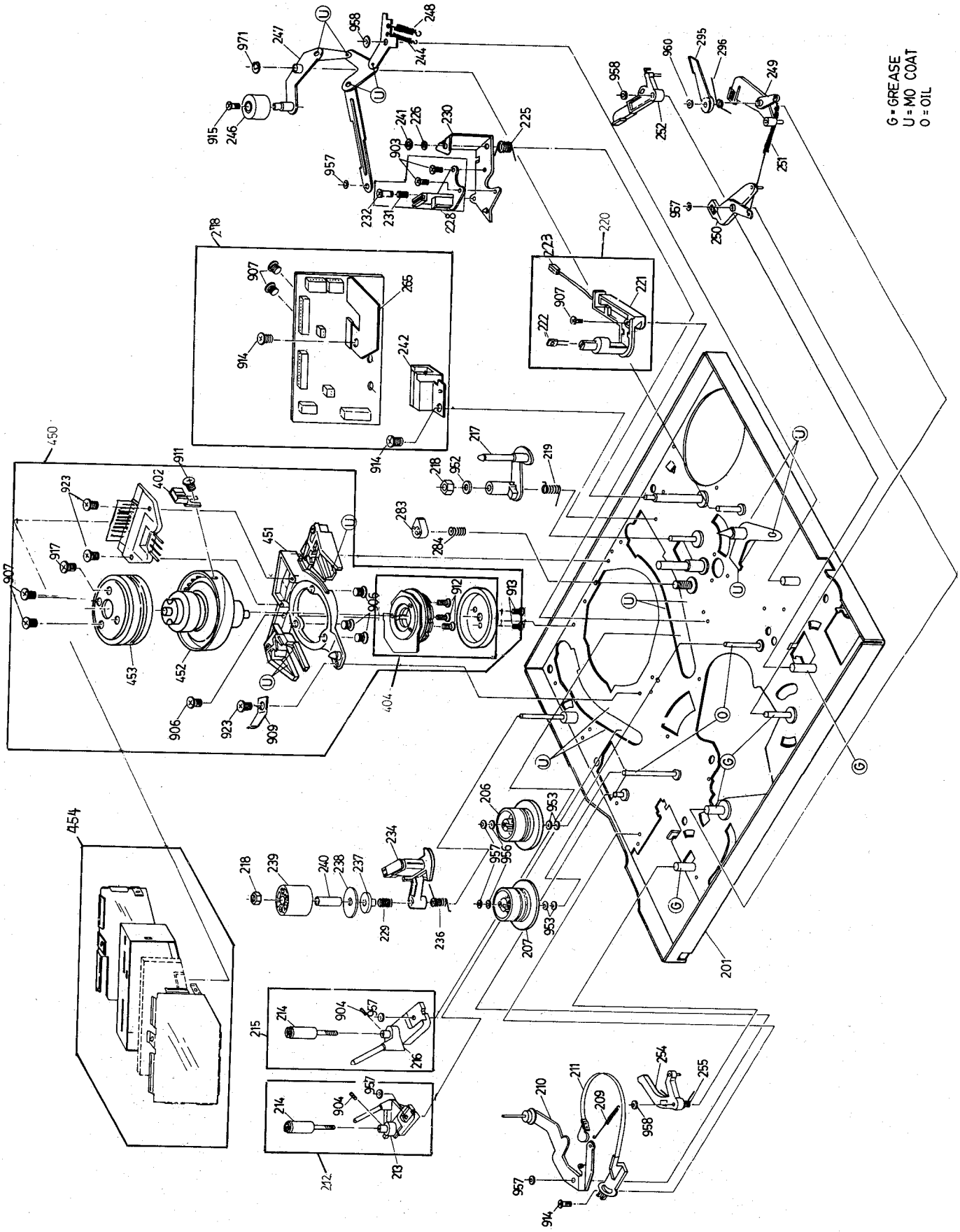
| 7-3. | Bottom Side Mechanism Assembly----- | 7-4 |
| 7-4. | Housing Assembly ---------- | 7-5 |

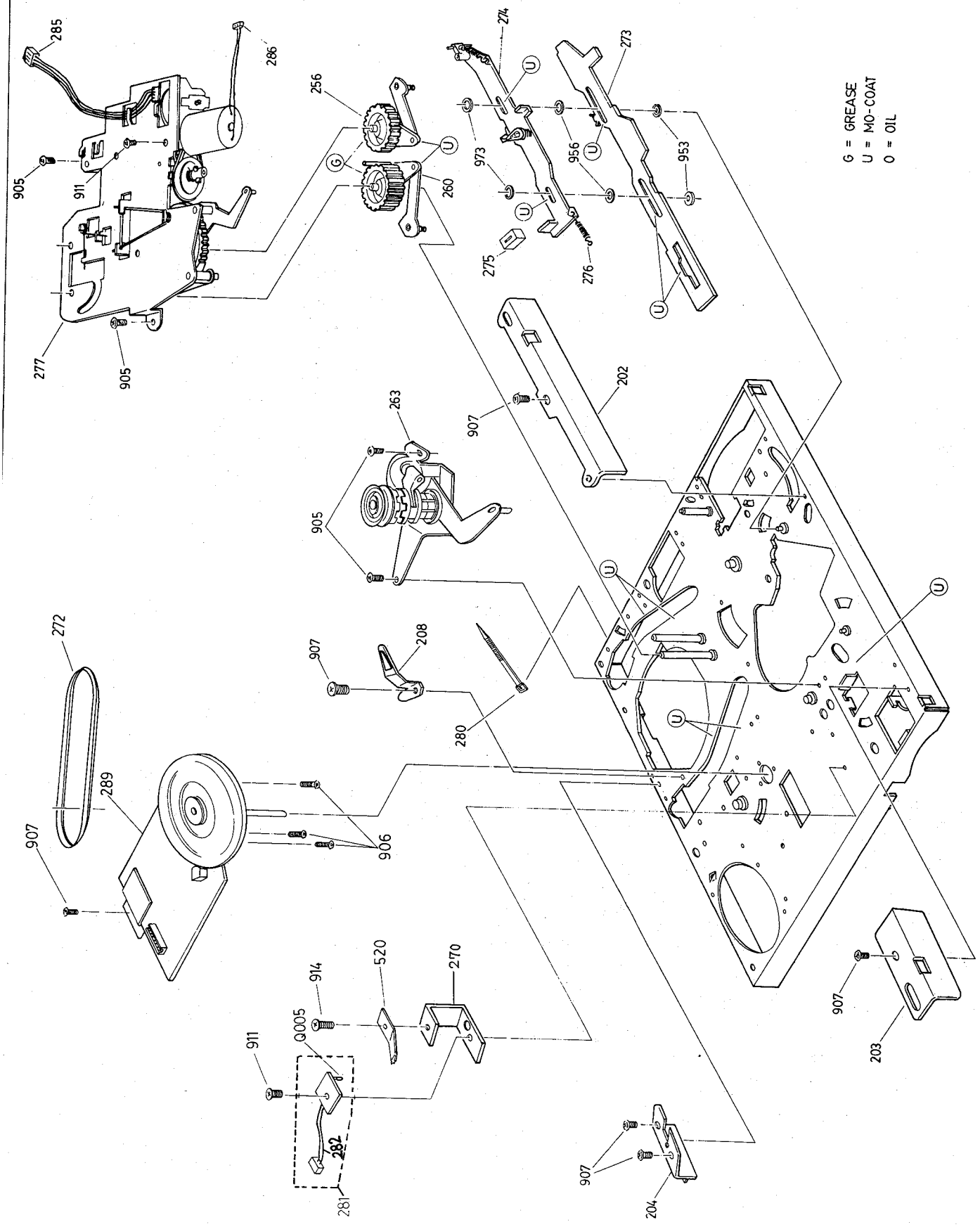
## 7-1. Instrument Assembly



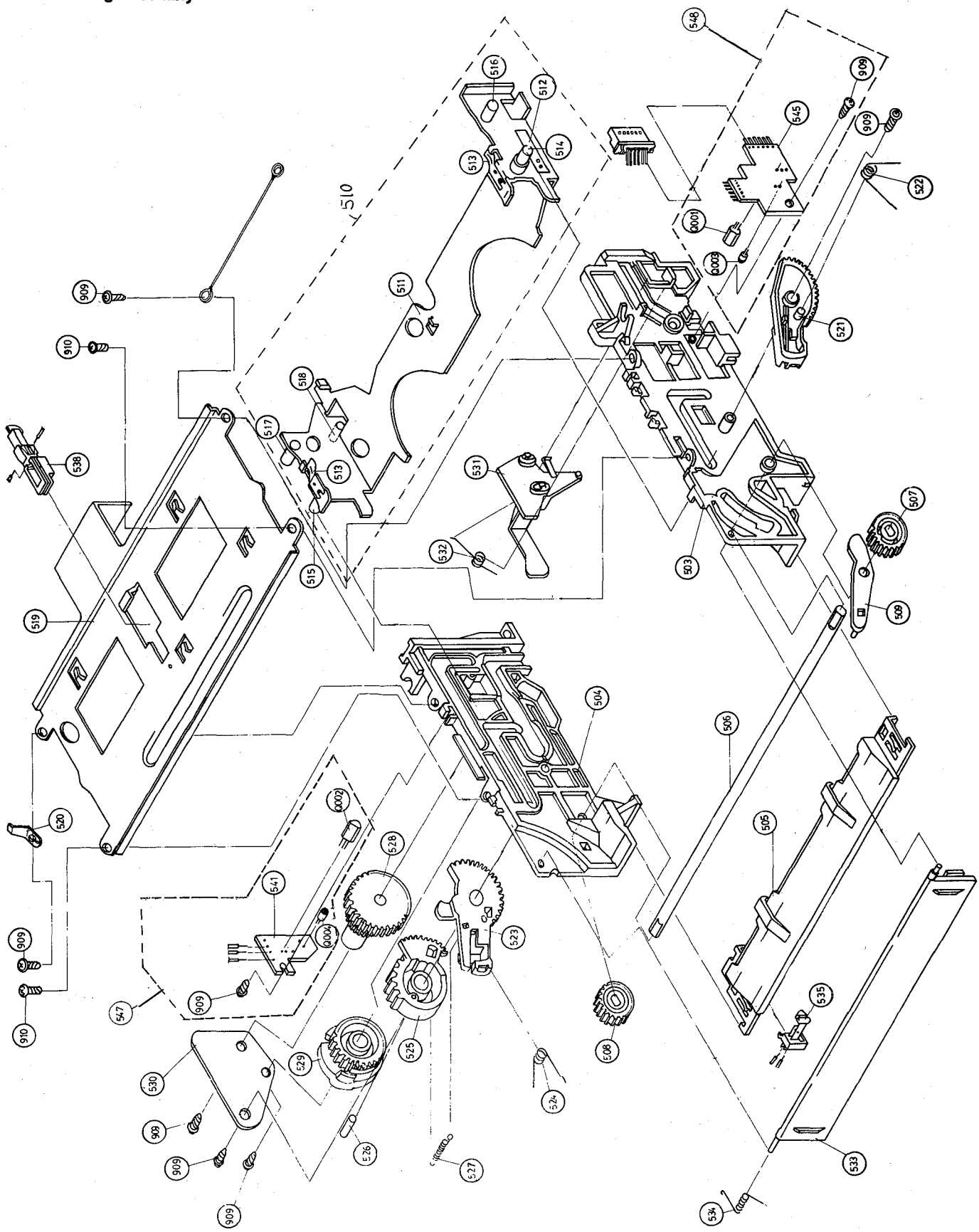
## 7-2. Transport Mechanical Assembly



## 7-3. Bottom Side Mechanical Assembly



## 7-4. Housing Assembly



# 8. BLOCK DIAGRAMS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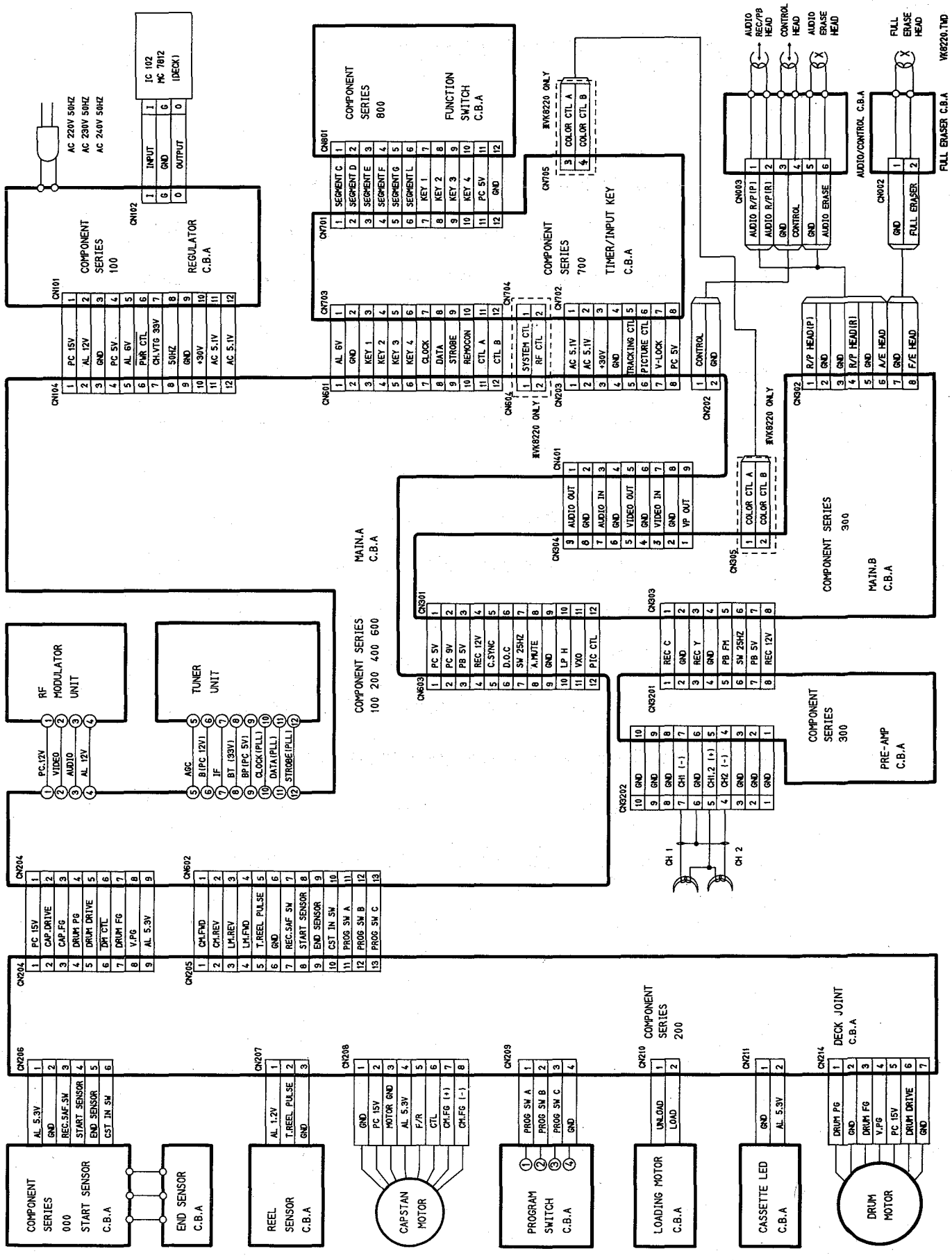
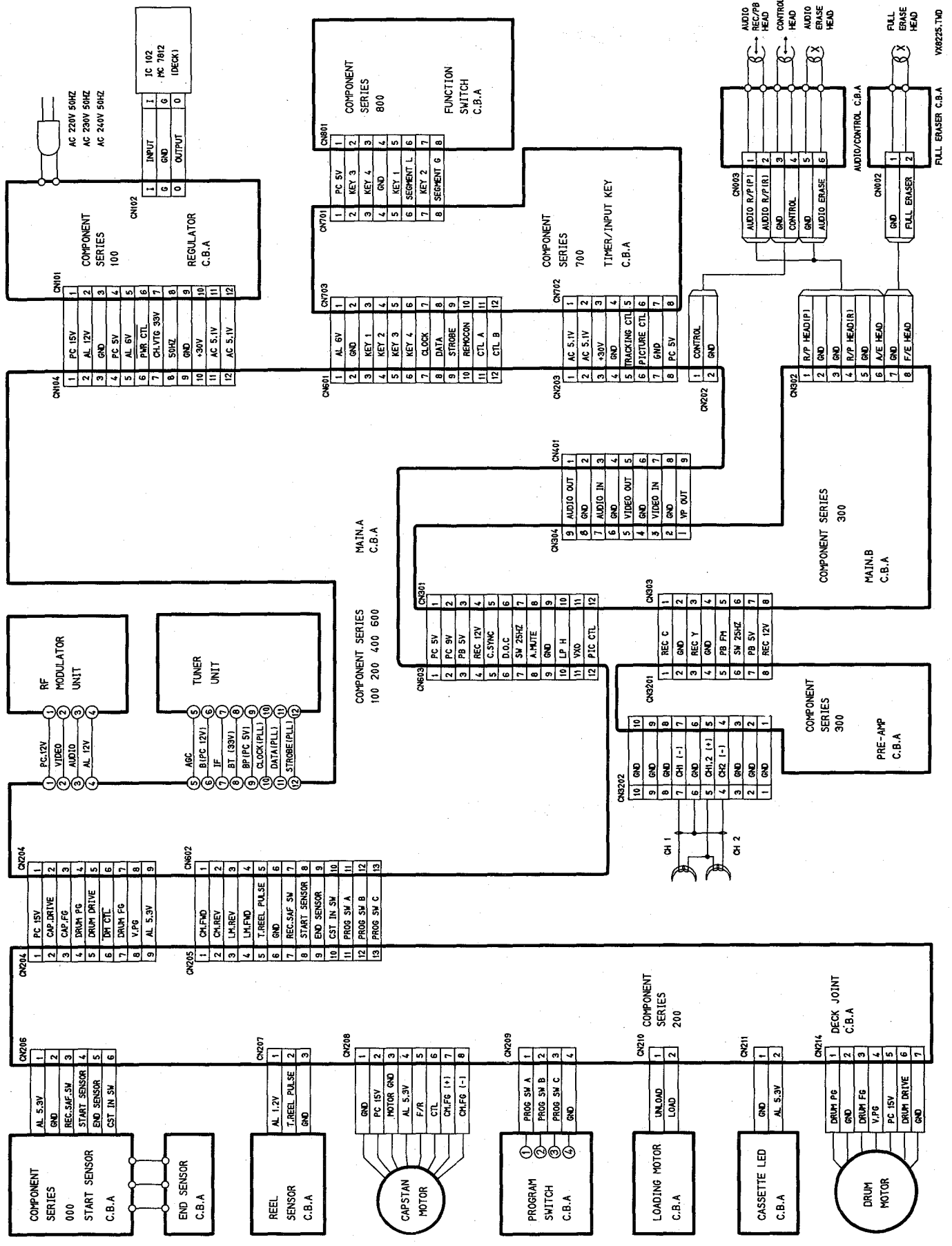
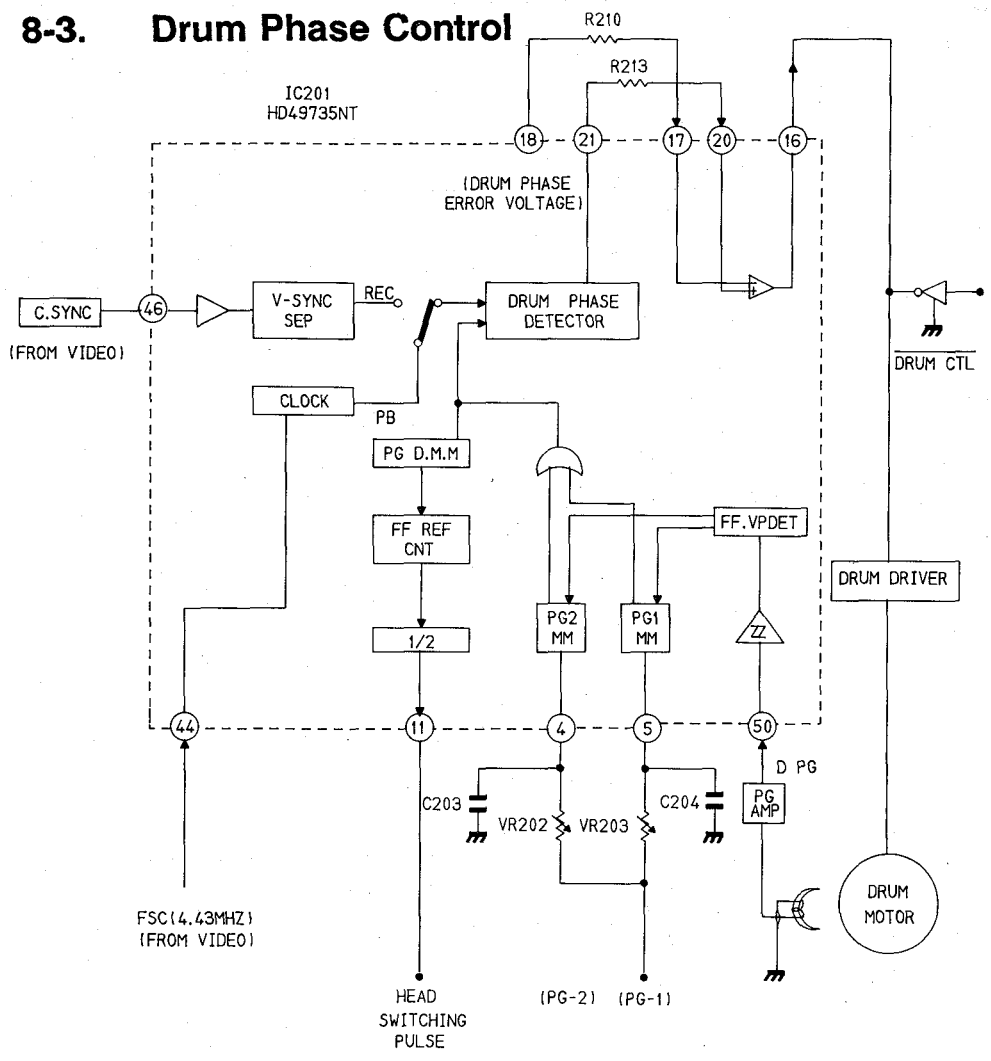
# 8-1. Total Wiring Diagram (8220 series)



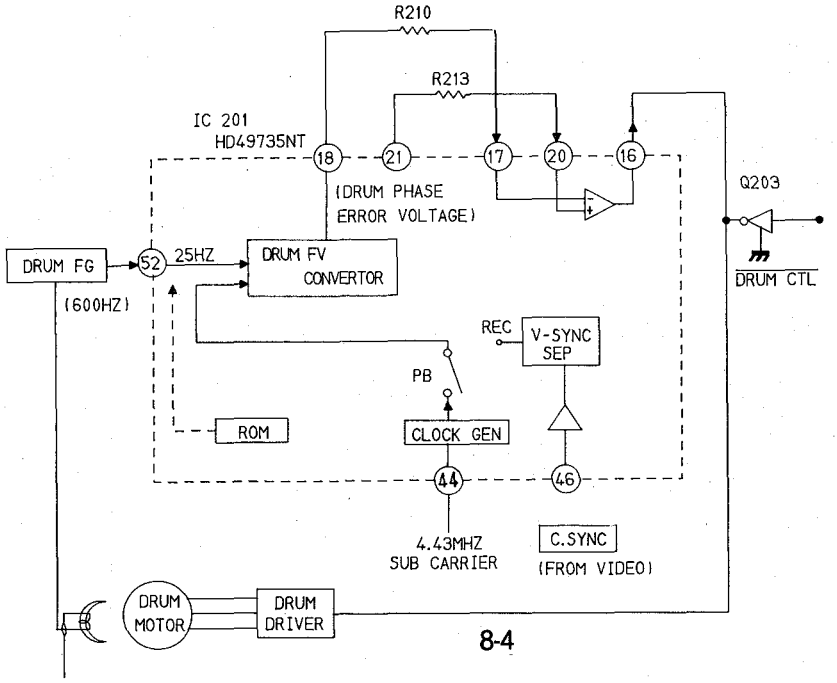
# 8-2. Total Wiring Diagram (8225 series )



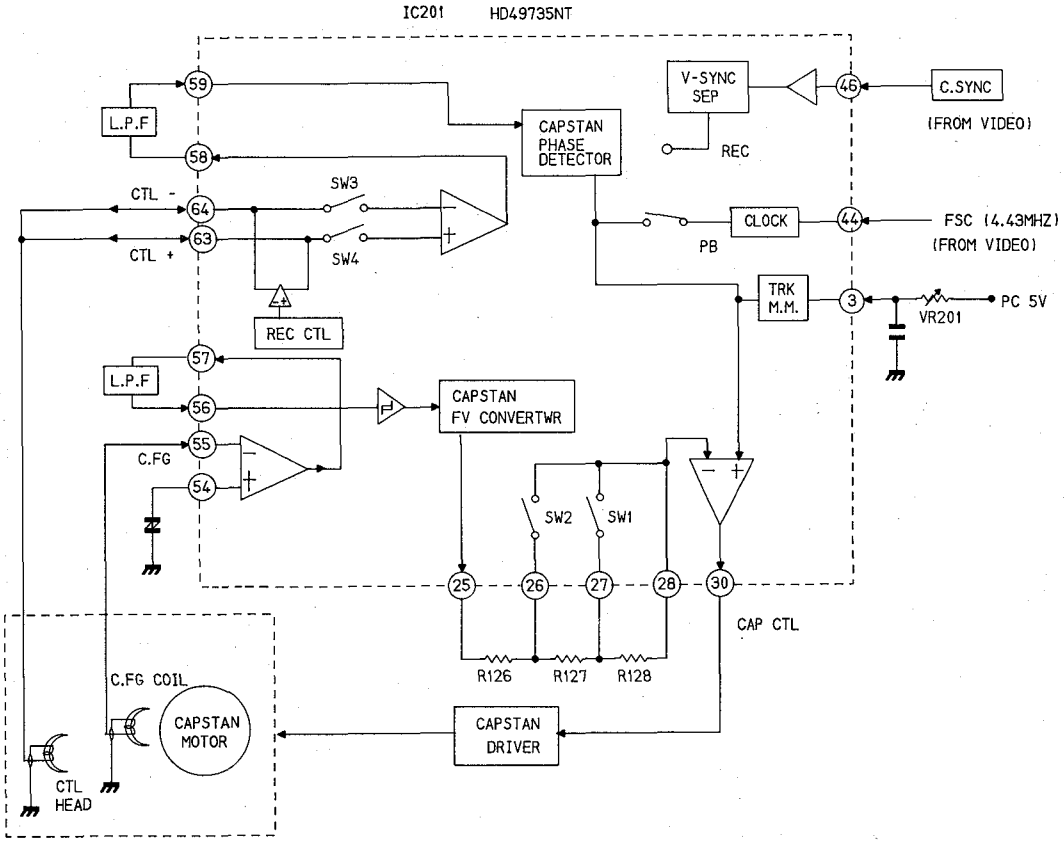
## 8-3. Drum Phase Control



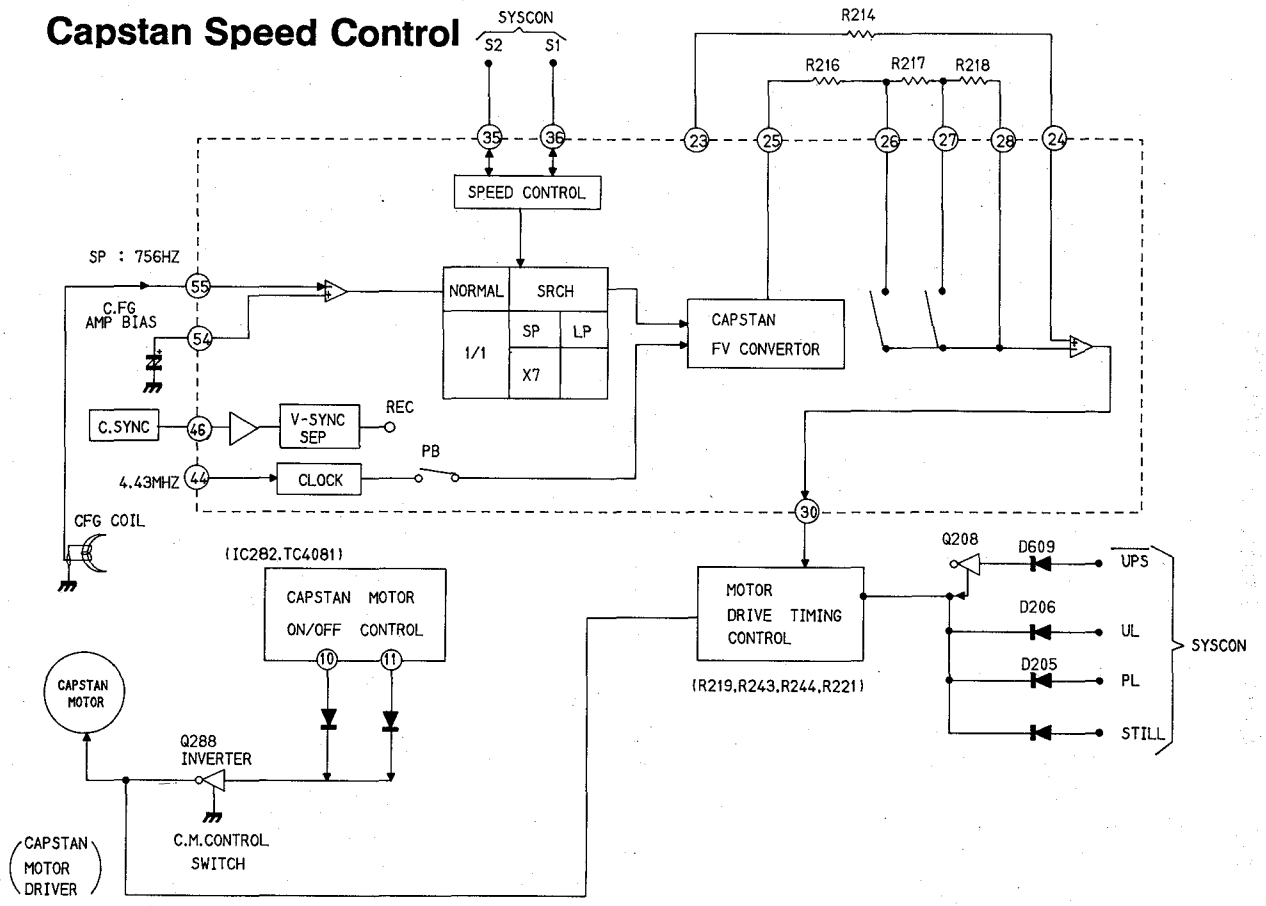

## 8-4. Drum Speed Control



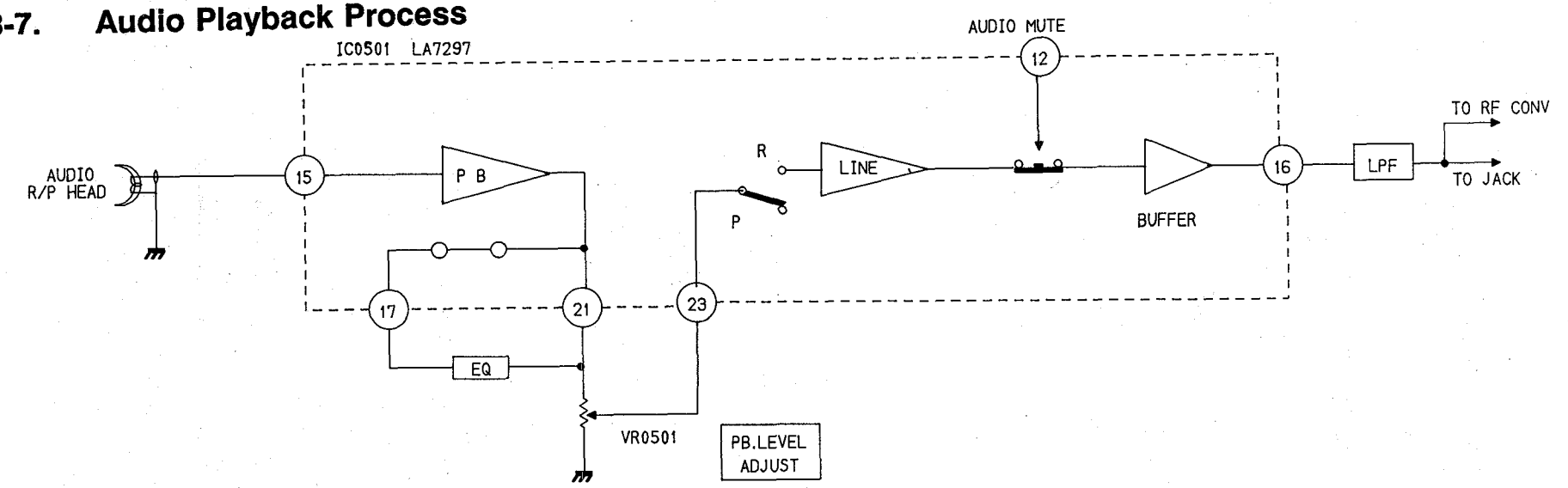
## 8-5. Capstan Phase Control



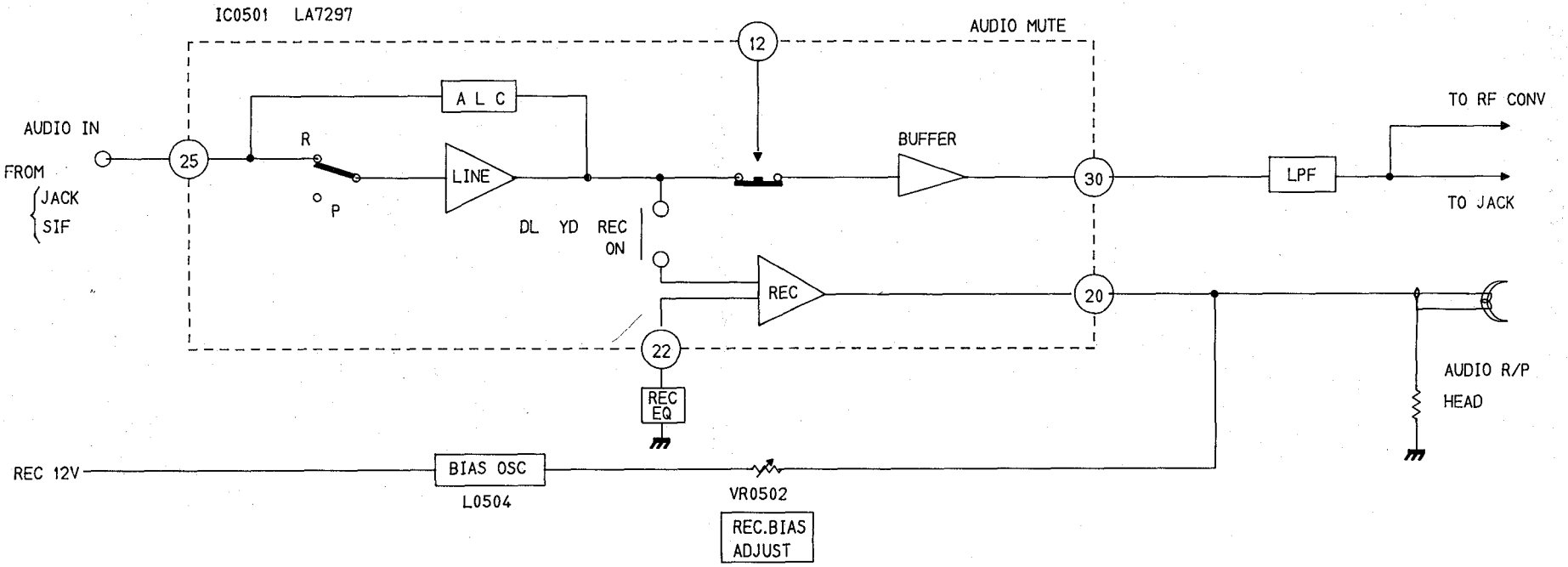

## 8-6. Capstan Speed Control



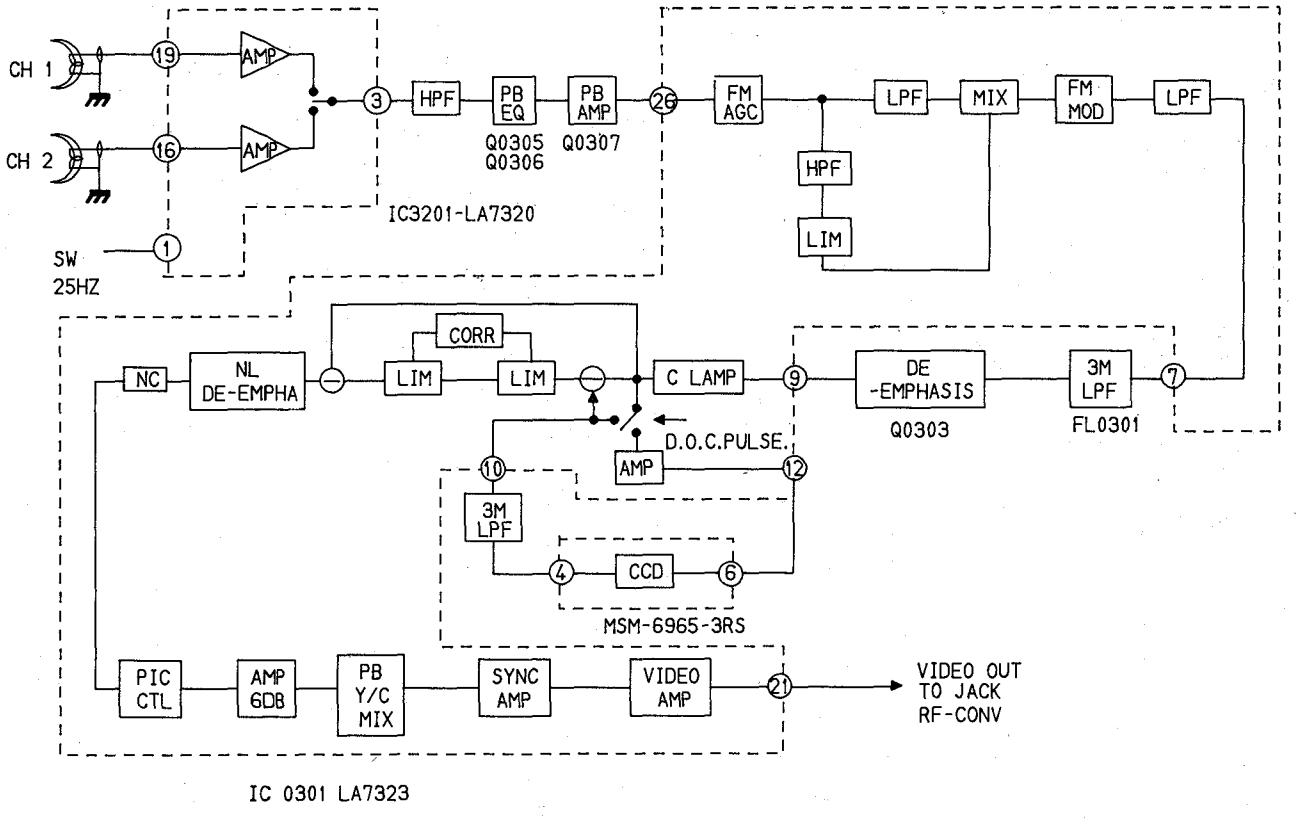
## 8-7. Audio Playback Process



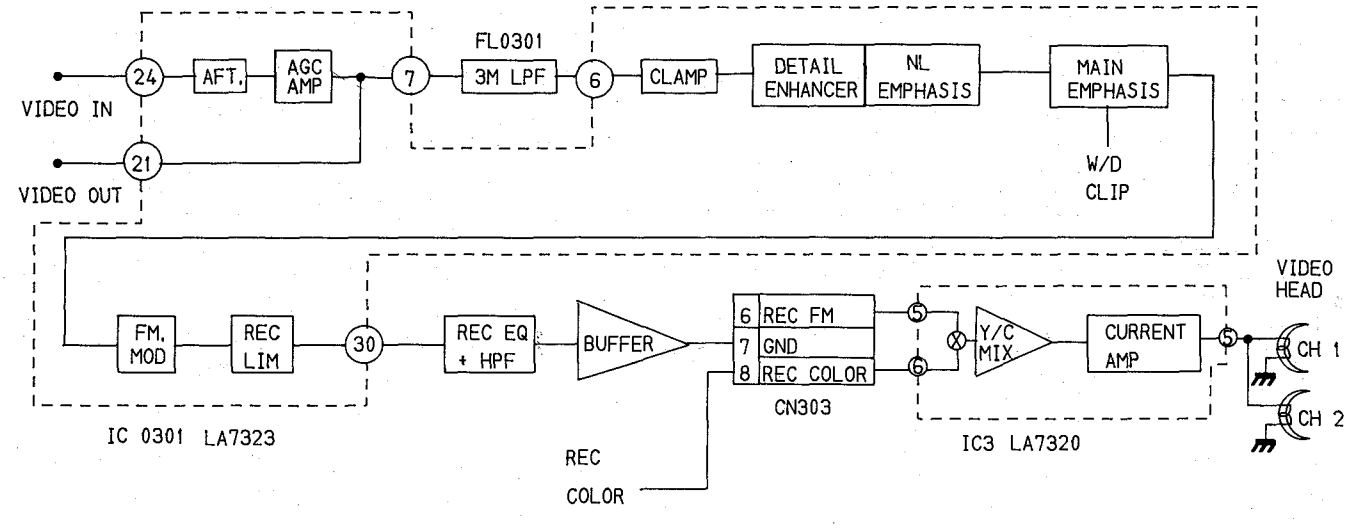

## 8-8. Audio Record Process



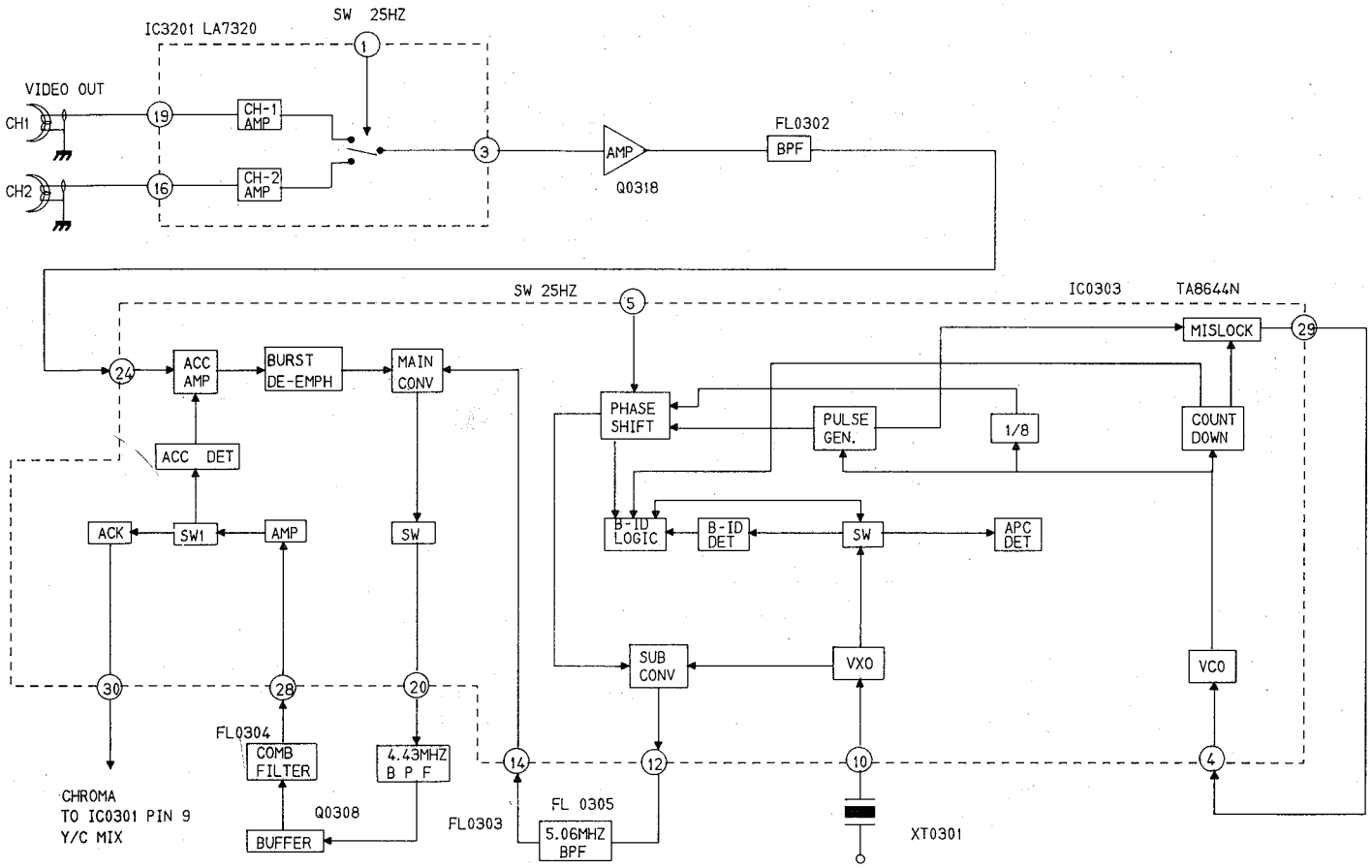
## 8-9. Luminance Playback Process



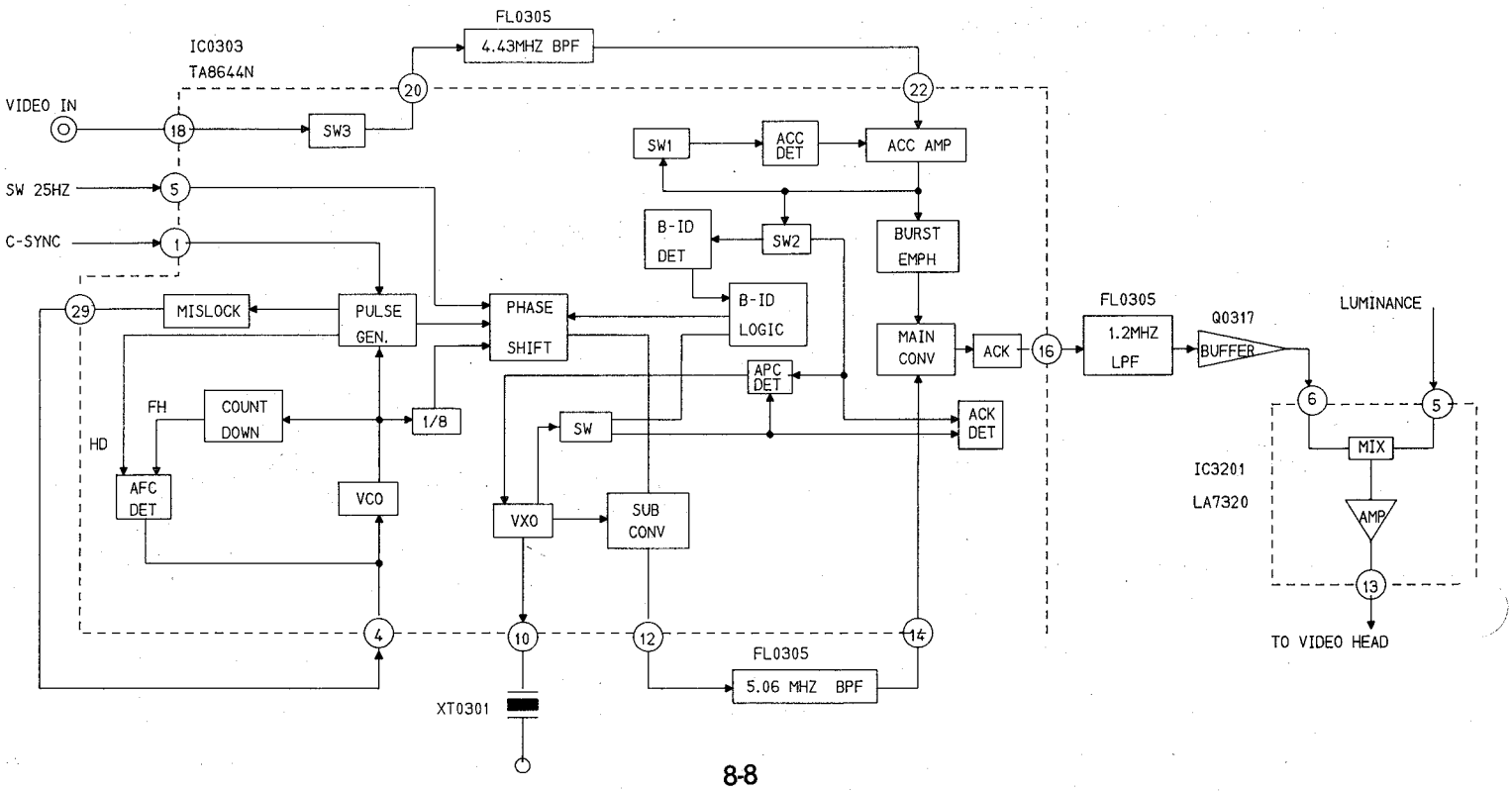

## 8-10. Luminance Record Process



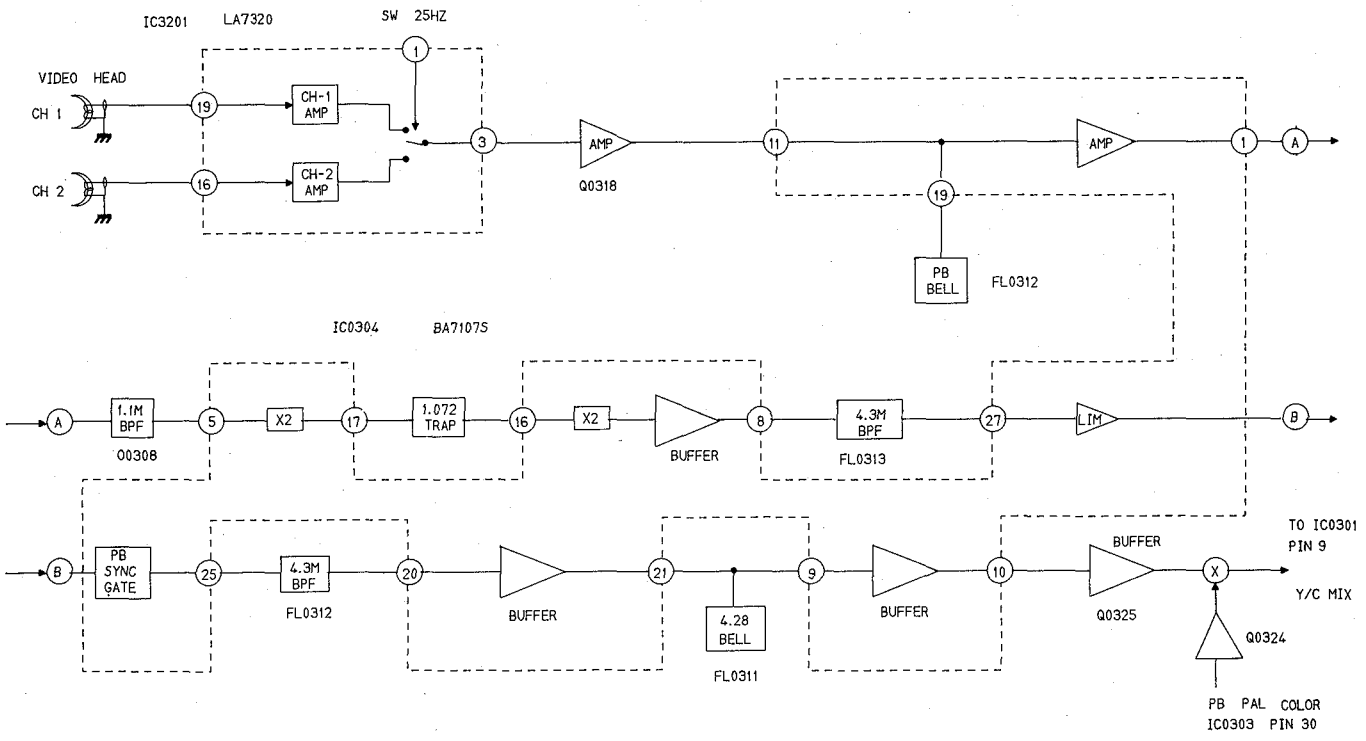
## 8-11. PAL Chrominance Playback Process



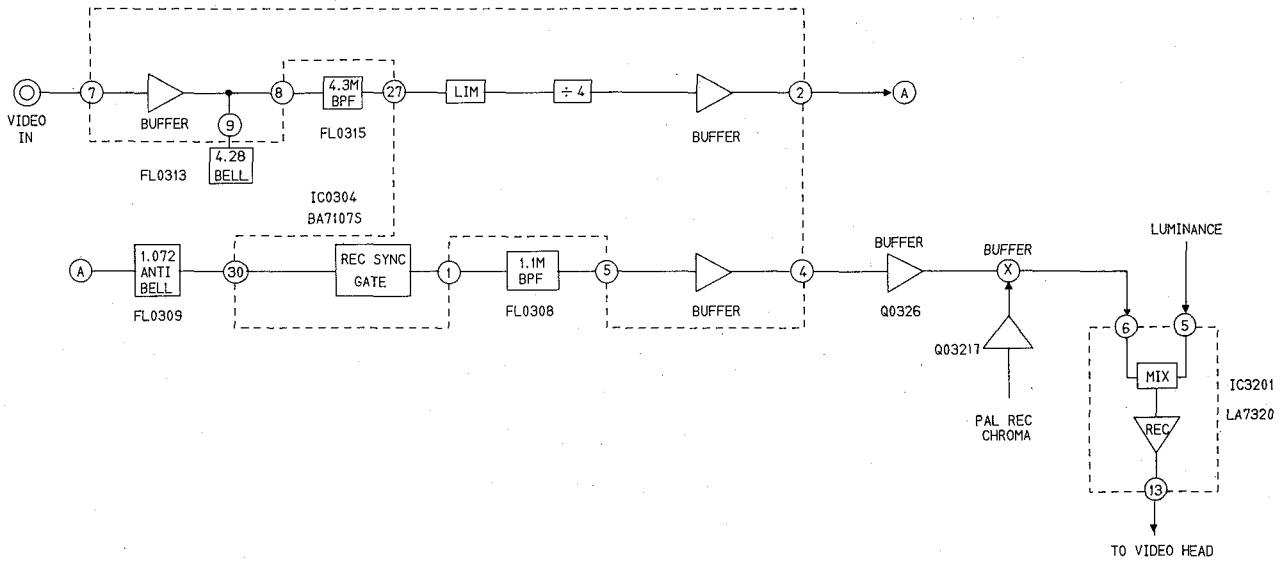

## 8-12 PAL Chrominance Record Process



## 8-13 SECAM Chrominance Playback




## 8-14 SECAM Chrominance Record Process Process



# 9. CIRCUIT BOARDS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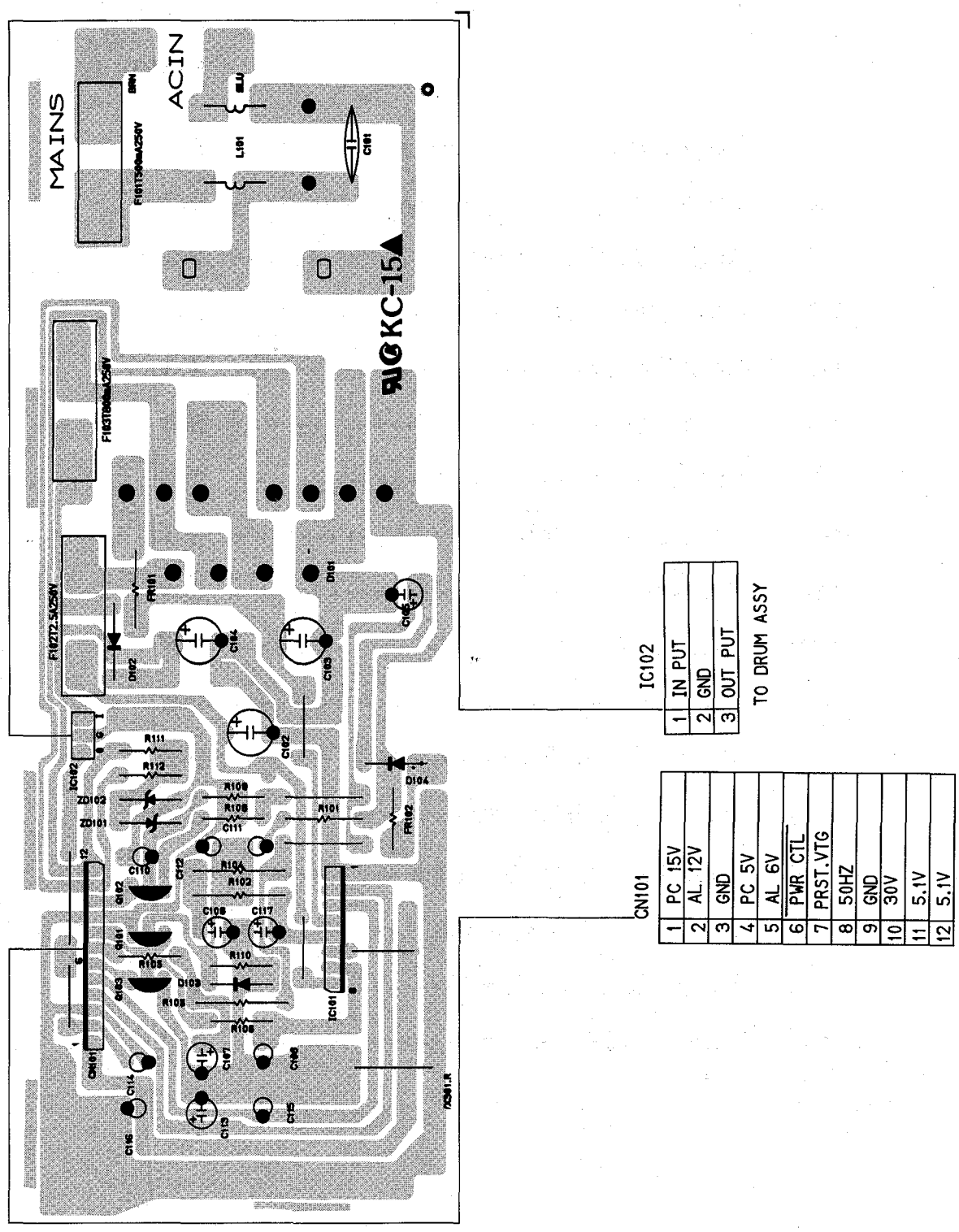
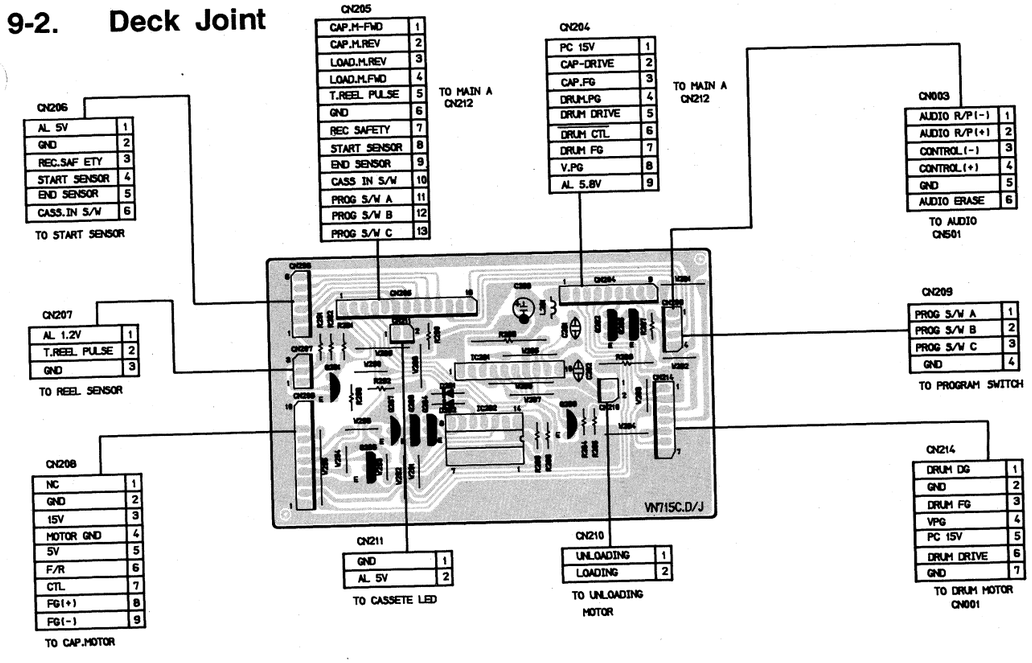
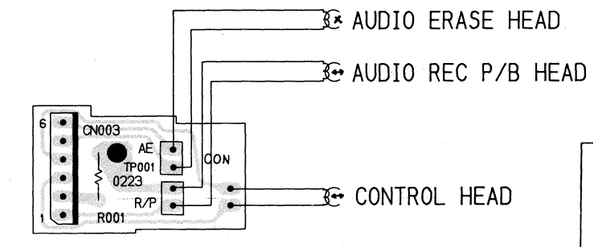
# 9-1. Regulator



## 9-2. Deck Joint




## 9-3. Audio/Control Head

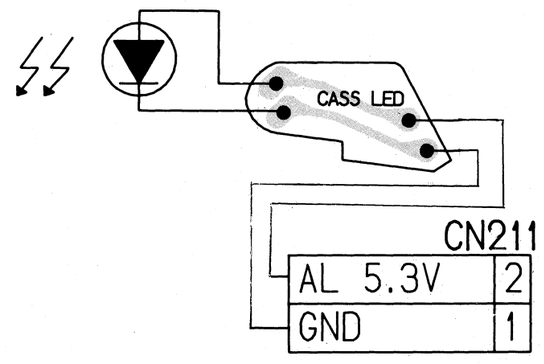



CN003

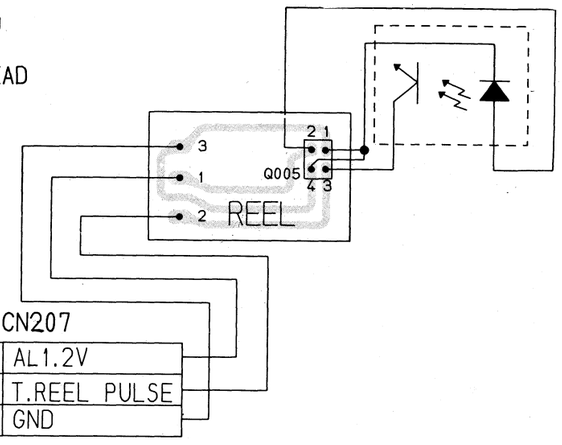
| | |
|---|---|
| 1 | AUDIO R/P (-) |
| 2 | AUDIO R/P (+) |
| 3 | GND |
| 4 | CONTROL |
| 5 | GND |
| 6 | AUDIO ERASE |

TO
MAIN

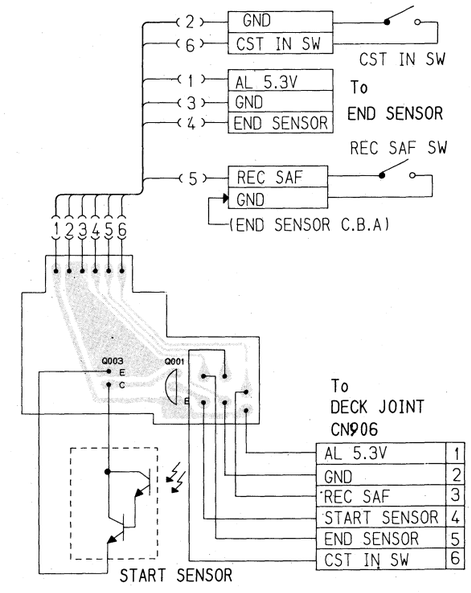
## 9-4. Cassette LED



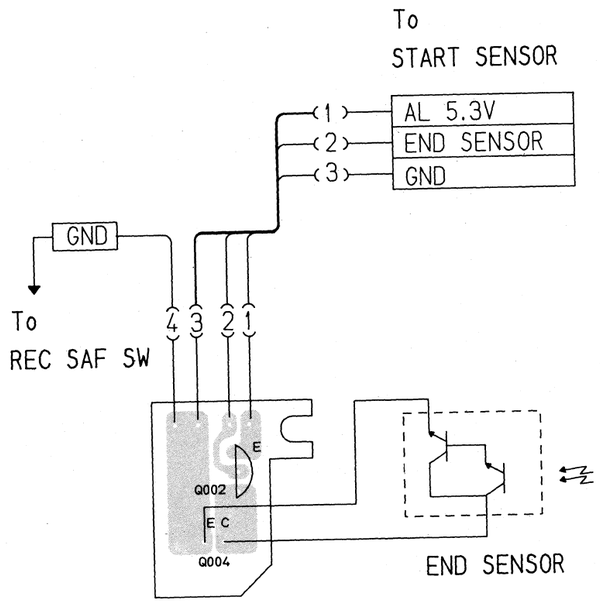

## 9-5. Reel Sensor



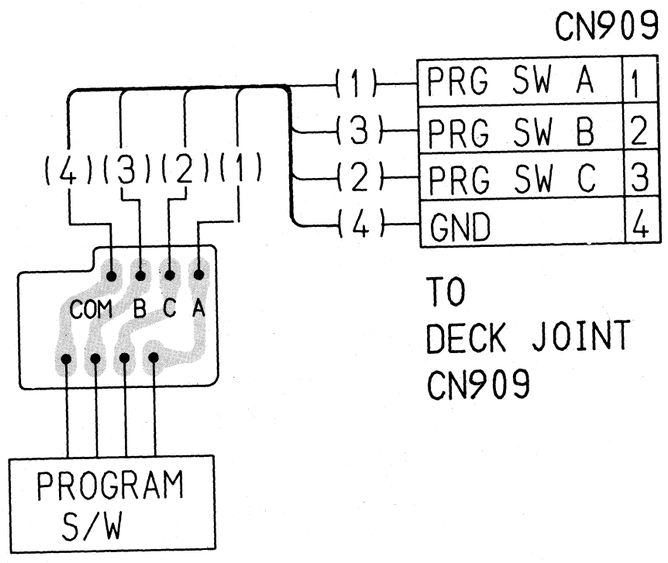

## 9-6. Start Sensor



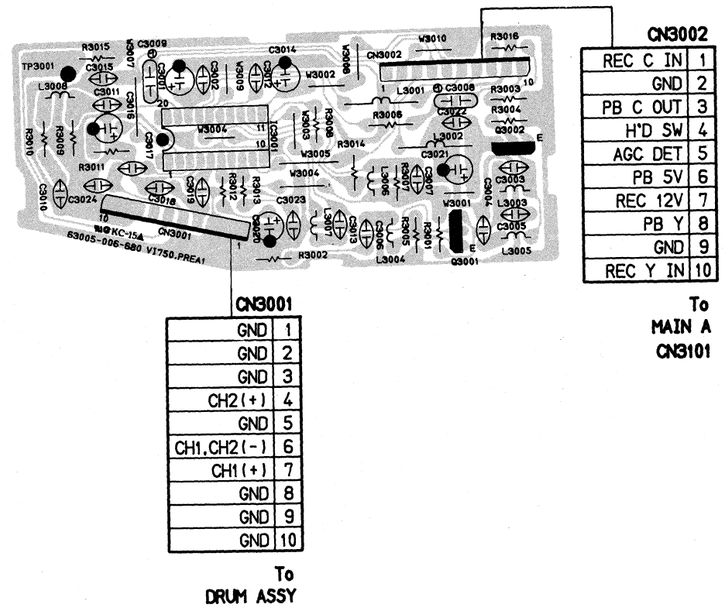
## 9-7. End Sensor



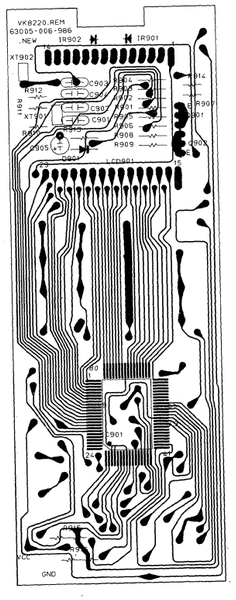

## 9-8. Program Switch

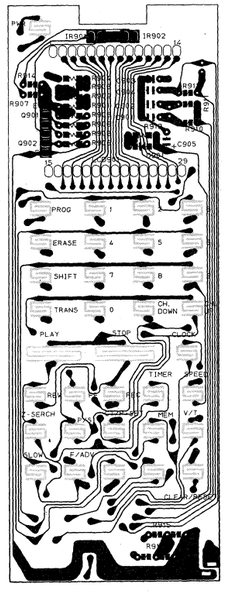



## 9-9. Pre AMP

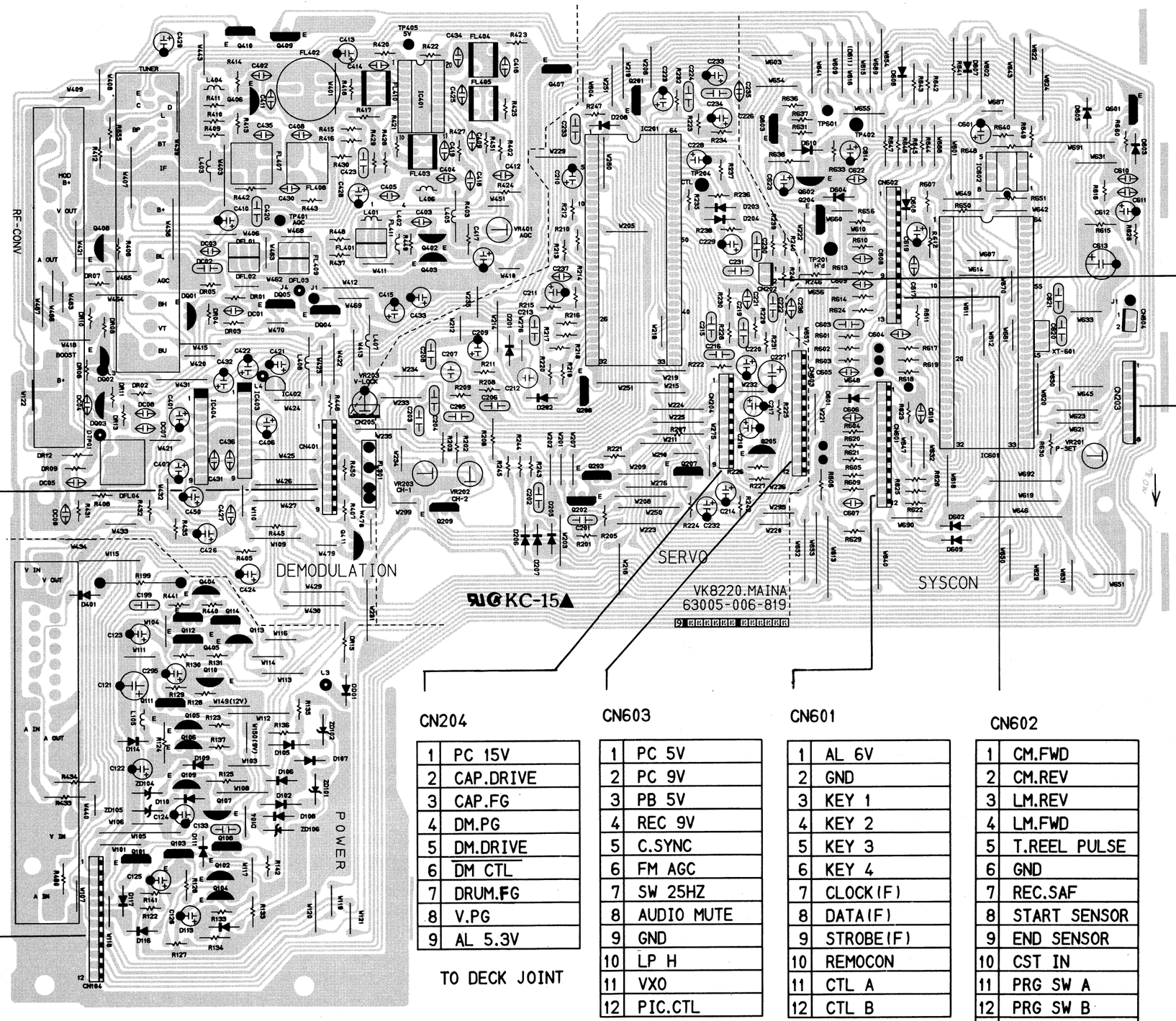



## 9-10. Remote Control





## 9-11. Main A




CN401

| | |
|---|---|
| 1 | AUDIO OUT |
| 2 | GND |
| 3 | AUDIO IN |
| 4 | GND |
| 5 | VIDEO OUT |
| 6 | GND |
| 7 | VIDEO IN |
| 8 | GND |
| 9 | VP OUT |

TO MAINB
CN304

CN104

| | |
|---|---|
| 1 | PC 15V |
| 2 | AL 12V |
| 3 | GND |
| 4 | PC 5V |
| 5 | AL 6V |
| 6 | PWR CTL |
| 7 | PRST.VTG |
| 8 | 50HZ |
| 9 | GND |
| 10 | 30V |
| 11 | 5.1V |
| 12 | 5.1V |

TO REGULATOR
CN101

CN202

| | |
|---|---|
| 1 | CTL (+) |
| 2 | CTL (-) |

TO AUDIO/CTL
HEAD CN003

CN203

| | |
|---|---|
| 1 | 5.1V |
| 2 | 5.1V |
| 3 | 30V |
| 4 | GND |
| 5 | TRACKING CTL |
| 6 | PICTURE CTL |
| 7 | V-LOCK |
| 8 | PC 5V |

TO TIMER
CN702

CN204

| | |
|---|---|
| 1 | PC 15V |
| 2 | CAP.DRIVE |
| 3 | CAP.FG |
| 4 | DM.PG |
| 5 | DM.DRIVE |
| 6 | DM CTL |
| 7 | DRUM.FG |
| 8 | V.PG |
| 9 | AL 5.3V |

TO DECK JOINT

CN603

| | |
|---|---|
| 1 | PC 5V |
| 2 | PC 9V |
| 3 | PB 5V |
| 4 | REC 9V |
| 5 | C.SYNC |
| 6 | FM AGC |
| 7 | SW 25HZ |
| 8 | AUDIO MUTE |
| 9 | GND |
| 10 | LP H |
| 11 | VXO |
| 12 | PIC.CTL |

TO MAINB
CN301

CN601

| | |
|---|---|
| 1 | AL 6V |
| 2 | GND |
| 3 | KEY 1 |
| 4 | KEY 2 |
| 5 | KEY 3 |
| 6 | KEY 4 |
| 7 | CLOCK(F) |
| 8 | DATA(F) |
| 9 | STROBE(F) |
| 10 | REMOCON |
| 11 | CTL A |
| 12 | CTL B |

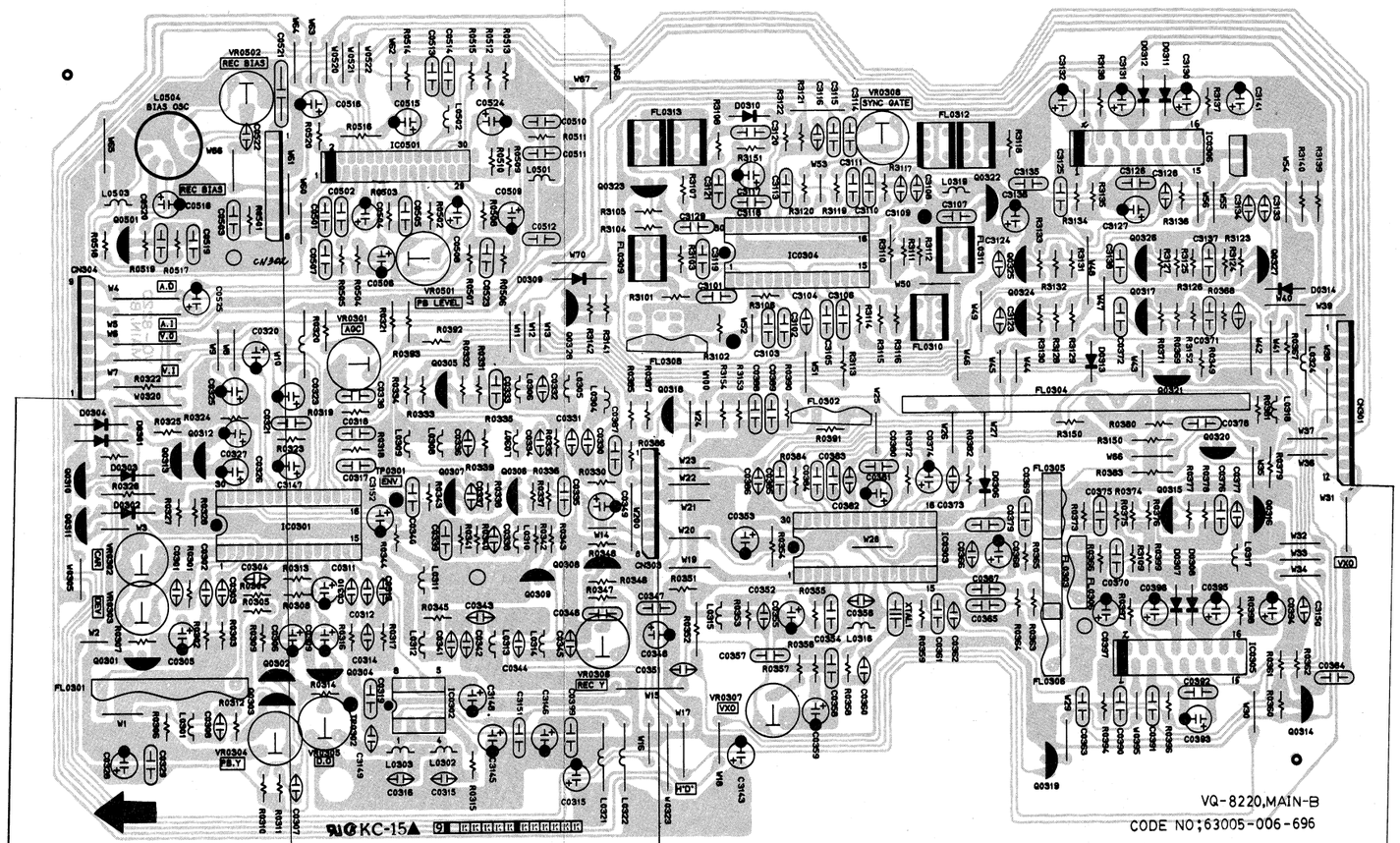
TO TIMER
CN702

CN602

| | |
|---|---|
| 1 | CM.FWD |
| 2 | CM.REV |
| 3 | LM.REV |
| 4 | LM.FWD |
| 5 | T.REEL PULSE |
| 6 | GND |
| 7 | REC.SAF |
| 8 | START SENSOR |
| 9 | END SENSOR |
| 10 | CST IN |
| 11 | PRG SW A |
| 12 | PRG SW B |
| 13 | PRG SW C |

TO DECK JOINT
CN205

## 9-12. Main B(8220 Series)




CN304 — CN401

| | | |
|---|---|---|
| 9 | AUDIO OUT | 1 |
| 8 | GND | 2 |
| 7 | AUDIO IN | 3 |
| 6 | GND | 4 |
| 5 | VIDEO OUT | 5 |
| 4 | GND | 6 |
| 3 | VIDEO IN | 7 |
| 2 | GND | 8 |
| 1 | VP OUT | 9 |

CN302

| | |
|---|---|
| 1 | R/P HEAD(F) |
| 2 | GND |
| 3 | GND |
| 4 | R/P HEAD(R) |
| 5 | GND |
| 6 | A/E HEAD |
| 7 | GND |
| 8 | F/E HEAD |

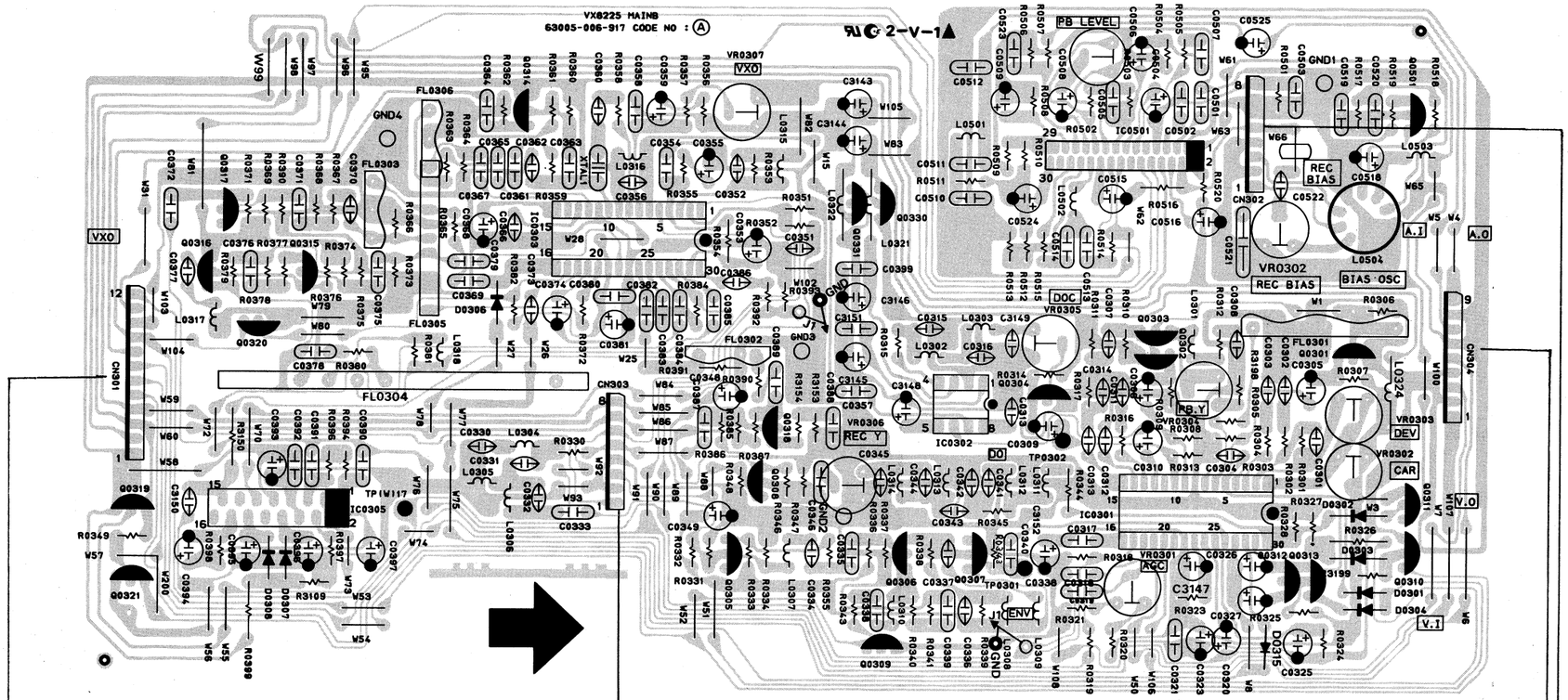
CN3201 — CN303

| | | |
|---|---|---|
| 1 | REC C | 1 |
| 2 | GND | 2 |
| 3 | REC Y | 3 |
| 4 | GND | 4 |
| 5 | PB FM | 5 |
| 6 | SW 25HZ | 6 |
| 7 | PB 5V | 7 |
| 8 | REC 12V | 8 |

CN603 — CN301

| | | |
|---|---|---|
| 1 | PC 5V | 1 |
| 2 | PC 9V | 2 |
| 3 | PB 5V | 3 |
| 4 | REC 12V | 4 |
| 5 | C.SYNC | 5 |
| 6 | D.O.C | 6 |
| 7 | SW 25HZ | 7 |
| 8 | A.MUTE | 8 |
| 9 | GND | 9 |
| 10 | LP H | 10 |
| 11 | VXO | 11 |
| 12 | PIC CTL | 12 |

## 9-13. Main B(8225 Series)



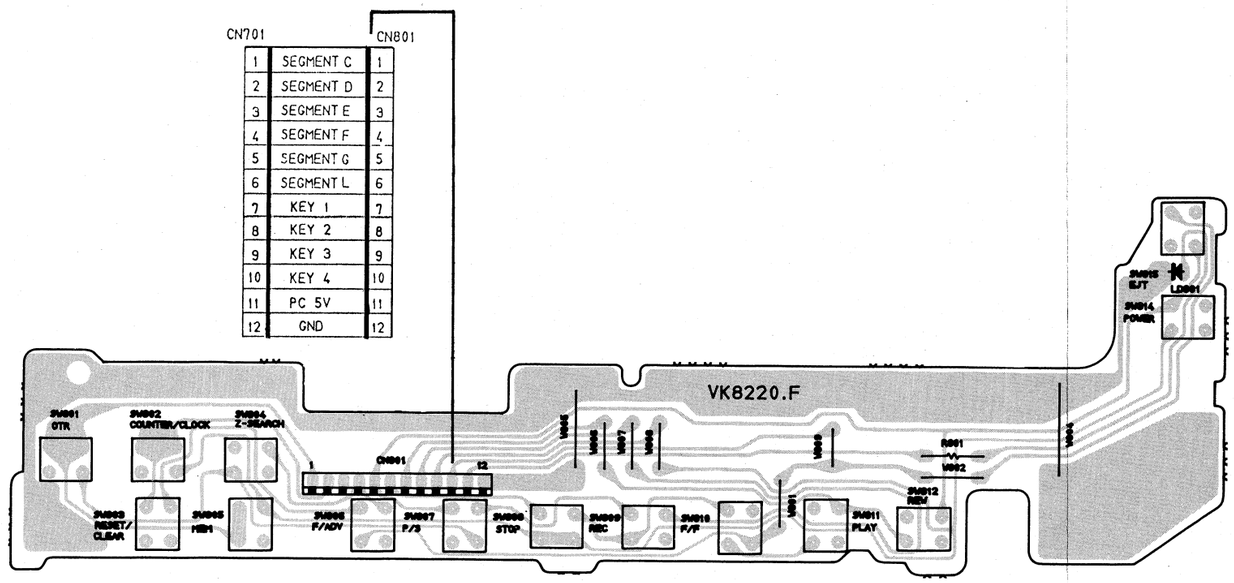

| CN603 | | CN301 |
|---|---|---|
| 1 | PC 5V | 1 |
| 2 | PC 9V | 2 |
| 3 | PB 5V | 3 |
| 4 | REC 12V | 4 |
| 5 | C.SYNC | 5 |
| 6 | D.O.C | 6 |
| 7 | SW 25HZ | 7 |
| 8 | A.MUTE | 8 |
| 9 | GND | 9 |
| 10 | LP H | 10 |
| 11 | VXO | 11 |
| 12 | PIC CTL | 12 |

| CN3201 | | CN303 |
|---|---|---|
| 1 | REC C | 1 |
| 2 | GND | 2 |
| 3 | REC Y | 3 |
| 4 | GND | 4 |
| 5 | PB FM | 5 |
| 6 | SW 25HZ | 6 |
| 7 | PB 5V | 7 |
| 8 | REC 12V | 8 |

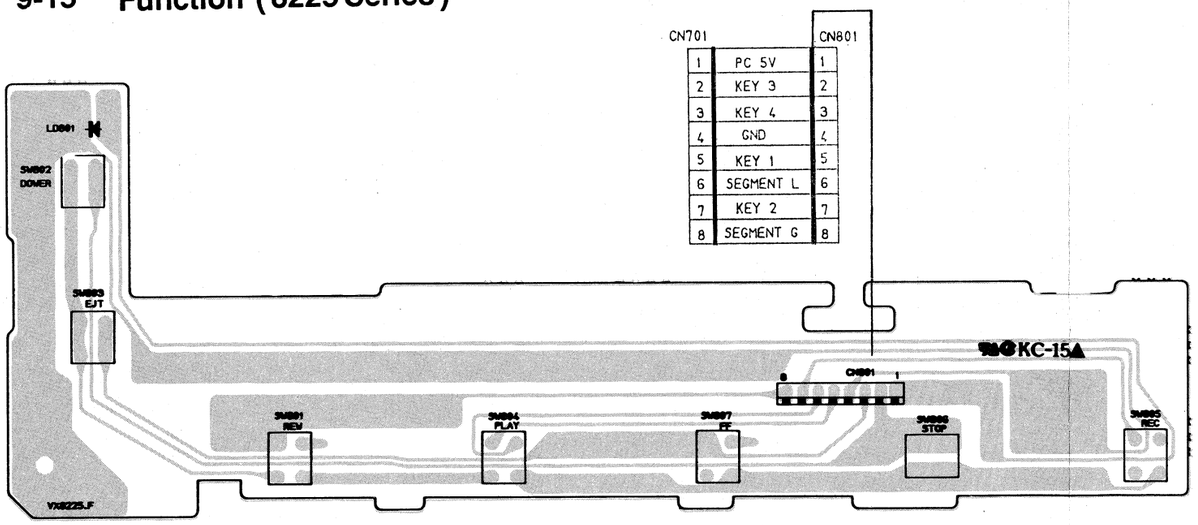
| CN302 | |
|---|---|
| 1 | R/P HEAD(P) |
| 2 | GND |
| 3 | GND |
| 4 | R/P HEAD(R) |
| 5 | GND |
| 6 | A/E HEAD |
| 7 | GND |
| 8 | F/E HEAD |

| CN304 | | CN401 |
|---|---|---|
| 9 | AUDIO OUT | 1 |
| 8 | GND | 2 |
| 7 | AUDIO IN | 3 |
| 6 | GND | 4 |
| 5 | VIDEO OUT | 5 |
| 4 | GND | 6 |
| 3 | VIDEO IN | 7 |
| 2 | GND | 8 |
| 1 | VP OUT | 9 |

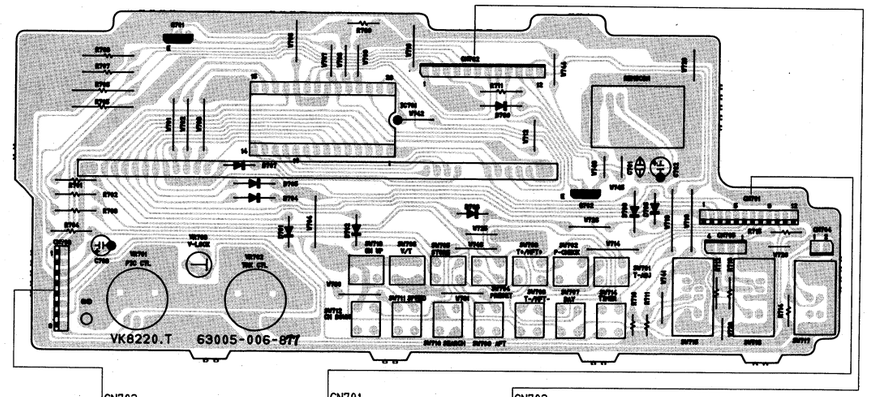
## 9-14. Function ( 8220 Series )




## 9-15 Function ( 8225 Series )




## 9-16 Timer (8220 Series )




CN703

| | |
|---|---|
| 1 | 5.1V |
| 2 | 5.1V |
| 3 | PC+30V |
| 4 | GND |
| 5 | TRACKING CTL |
| 6 | PICTURE CTL |
| 7 | V-LOCK |
| 8 | PC 5V |

TO FUNCTION CN800

CN701

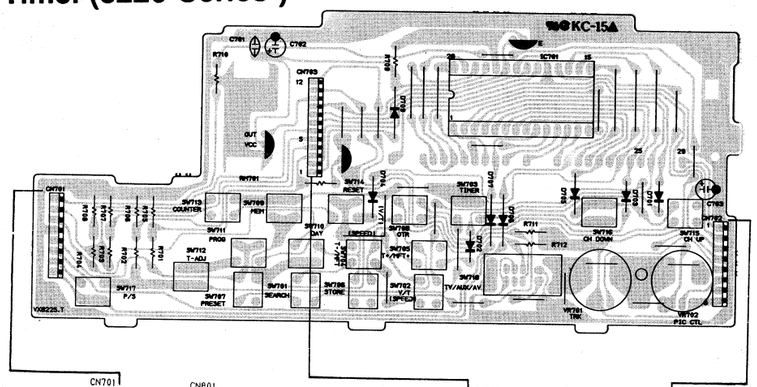
| | |
|---|---|
| 1 | SEGMENT C |
| 2 | SEGMENT D |
| 3 | SEGMENT E |
| 4 | SEGMENT F |
| 5 | SEGMENT G |
| 6 | SEGMENT L |
| 7 | KEY 1 |
| 8 | KEY 2 |
| 9 | KEY 3 |
| 10 | KEY 4 |
| 11 | PC 5V |
| 12 | GND |

CN702

| | |
|---|---|
| 1 | AL 6V |
| 2 | GND |
| 3 | KEY 1 |
| 4 | KEY 2 |
| 5 | KEY 3 |
| 6 | KEY 4 |
| 7 | CLOCK(F) |
| 8 | DATA(F) |
| 9 | STROBE(F) |
| 10 | REMOCON |
| 11 | CTL A |
| 12 | CTL B |

TO SYSCON CN601

## 9-17 Timer (8220 Series )




CN701 — CN801

| | | |
|---|---|---|
| 1 | PC 5V | 1 |
| 2 | KEY 3 | 2 |
| 3 | KEY 4 | 3 |
| 4 | GND | 4 |
| 5 | KEY 1 | 5 |
| 6 | SEGMENT L | 6 |
| 7 | KEY 2 | 7 |
| 8 | SEGMENT G | 8 |

CN601 — CN703

| | | |
|---|---|---|
| 1 | AL 6V | 1 |
| 2 | GND | 2 |
| 3 | KEY 1 | 3 |
| 4 | KEY 2 | 4 |
| 5 | KEY 3 | 5 |
| 6 | KEY 4 | 6 |
| 7 | CLOCK | 7 |
| 8 | DATA | 8 |
| 9 | STROBE | 9 |
| 10 | REMOCON | 10 |
| 11 | CTL A | 11 |
| 12 | CTL B | 12 |

CN203 — CN702

| | | |
|---|---|---|
| 1 | AC 5.1V | 1 |
| 2 | AC 5.1V | 2 |
| 3 | +30V | 3 |
| 4 | GND | 4 |
| 5 | TRACKING CTL | 5 |
| 6 | PICTURE CTL | 6 |
| 7 | GND | 7 |
| 8 | PC 5V | 8 |

# 10. SCHEMATIC DIAGRAMS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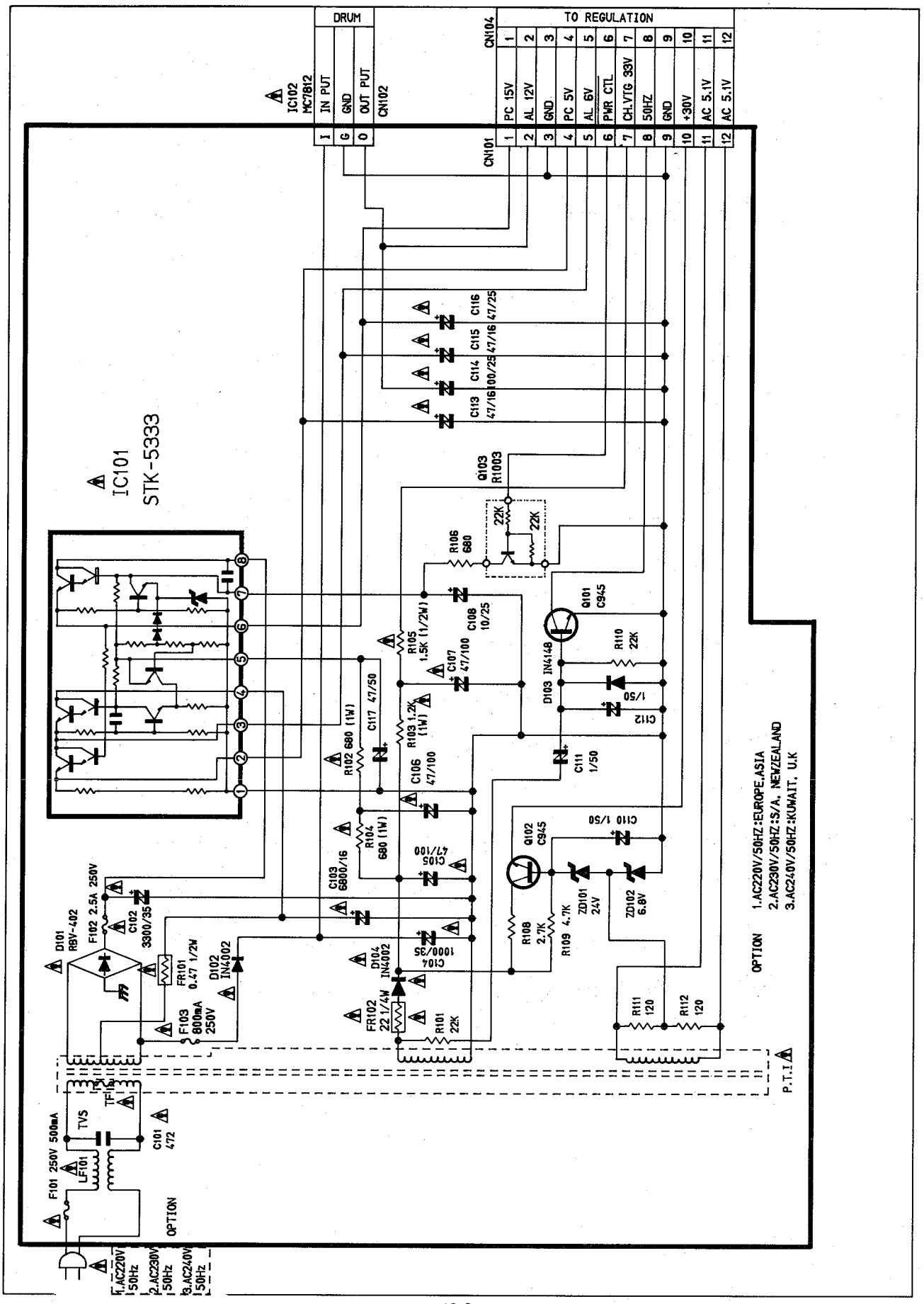
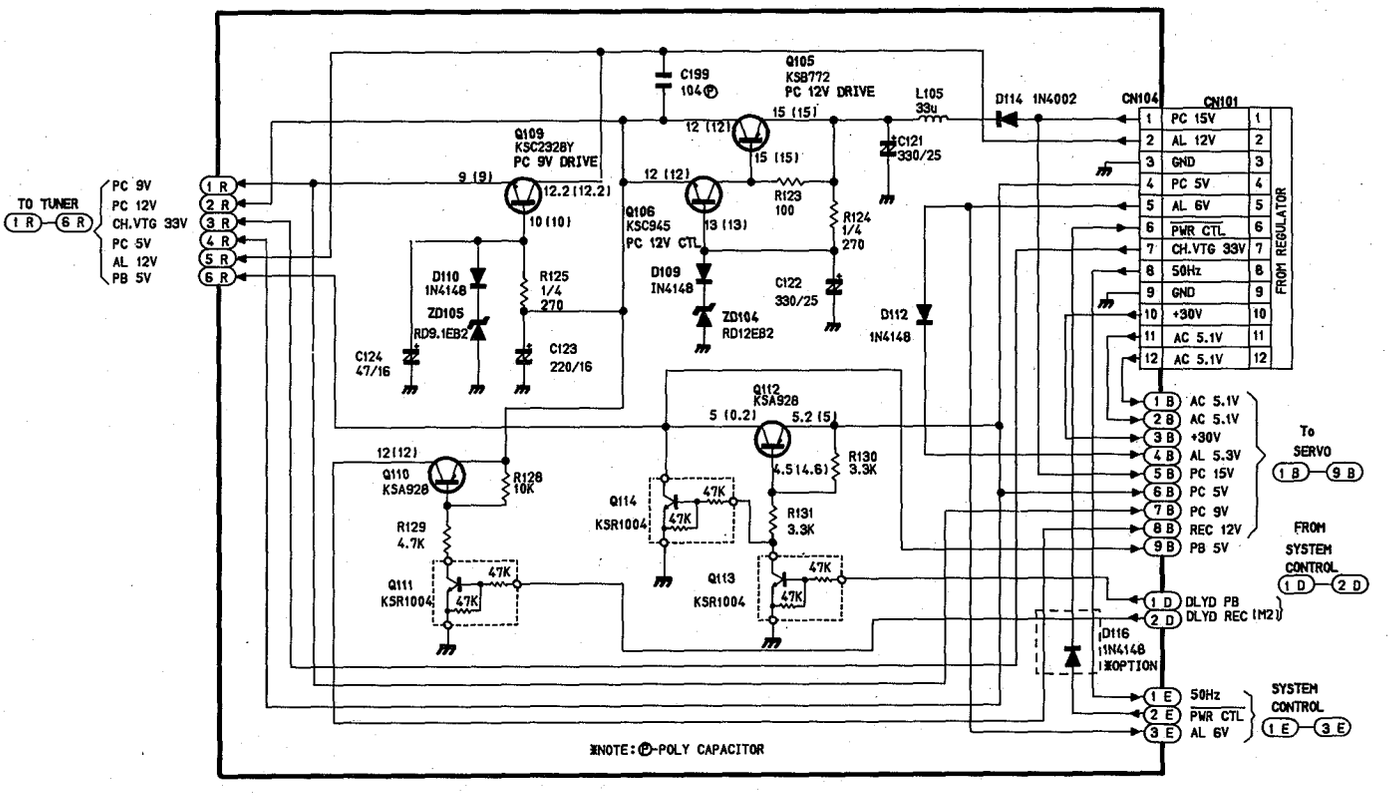
## 10-1. Regulator

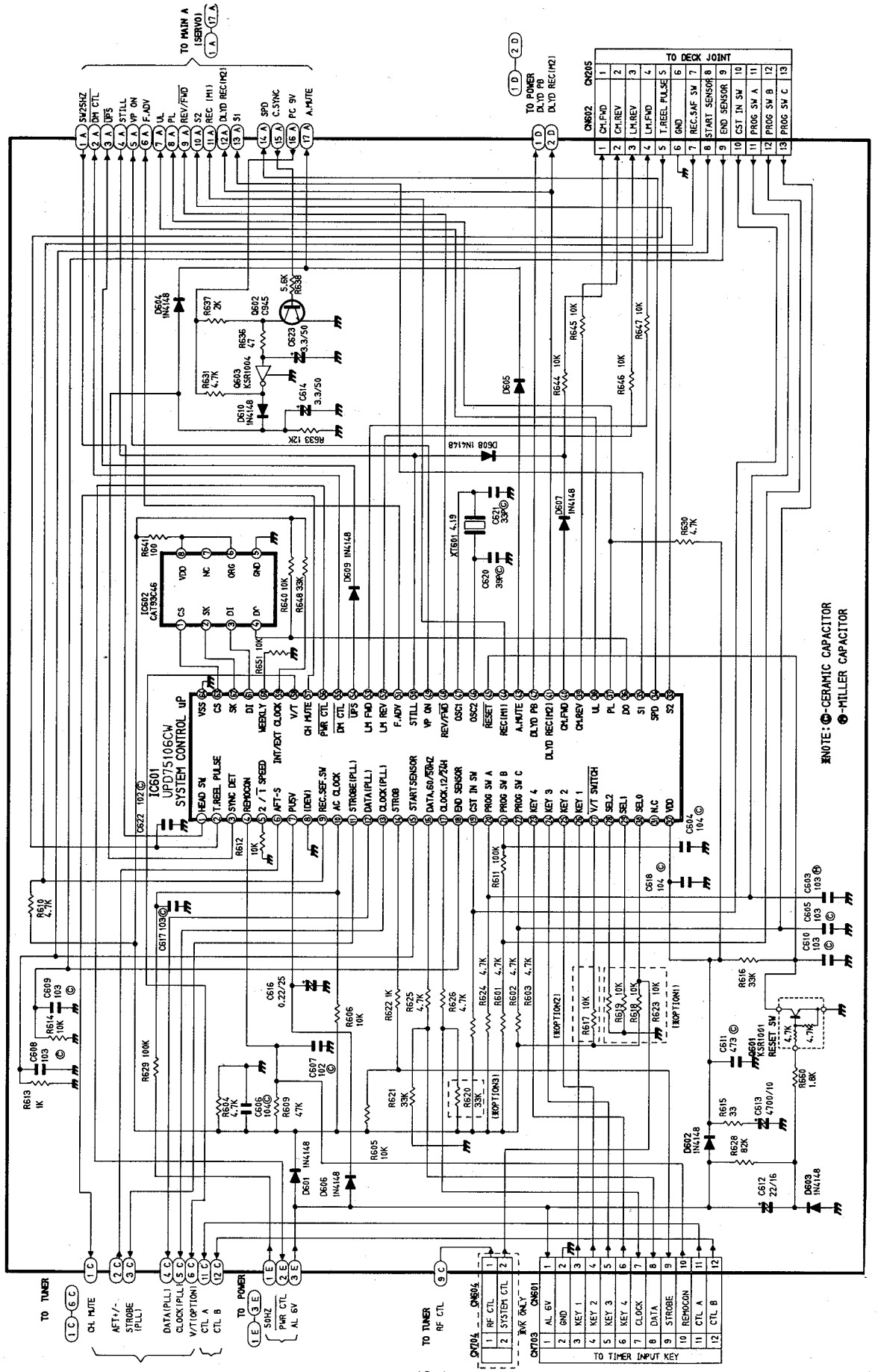


## 10-2. Power




| Regulator and power C.B.A. | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| MODE / LOCA.NO | STOP | | | PLAY | | | REC | | |
| | E | B | C | E | B | C | E | B | C |
| Q105 | 15 | 14 | 13 | 15 | 14 | 13 | 15 | 14 | 13 |
| Q106 | 12 | 14 | 13 | 12 | 14 | 13 | 12 | 14 | 13 |
| Q107 | 9 | 9 | 12 | 9 | 9 | 12 | 9 | 9 | 12 |
| Q109 | 8 | 9 | 12 | 8 | 9 | 12 | 8 | 9 | 12 |
| Q110 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 |
| Q111 | 0 | 0 | 0 | 0 | 0 | 12 | 0 | 5 | 0 |
| Q112 | 0 | 0 | 5 | 0 | 5 | 0 | 0 | 0 | 5 |
| Q113 | 0 | 5 | 0 | 0 | 0 | 5 | 0 | 5 | 0 |
| Q114 | 0 | 0 | 5 | 0 | 0 | 5 | 0 | 5 | 0 |

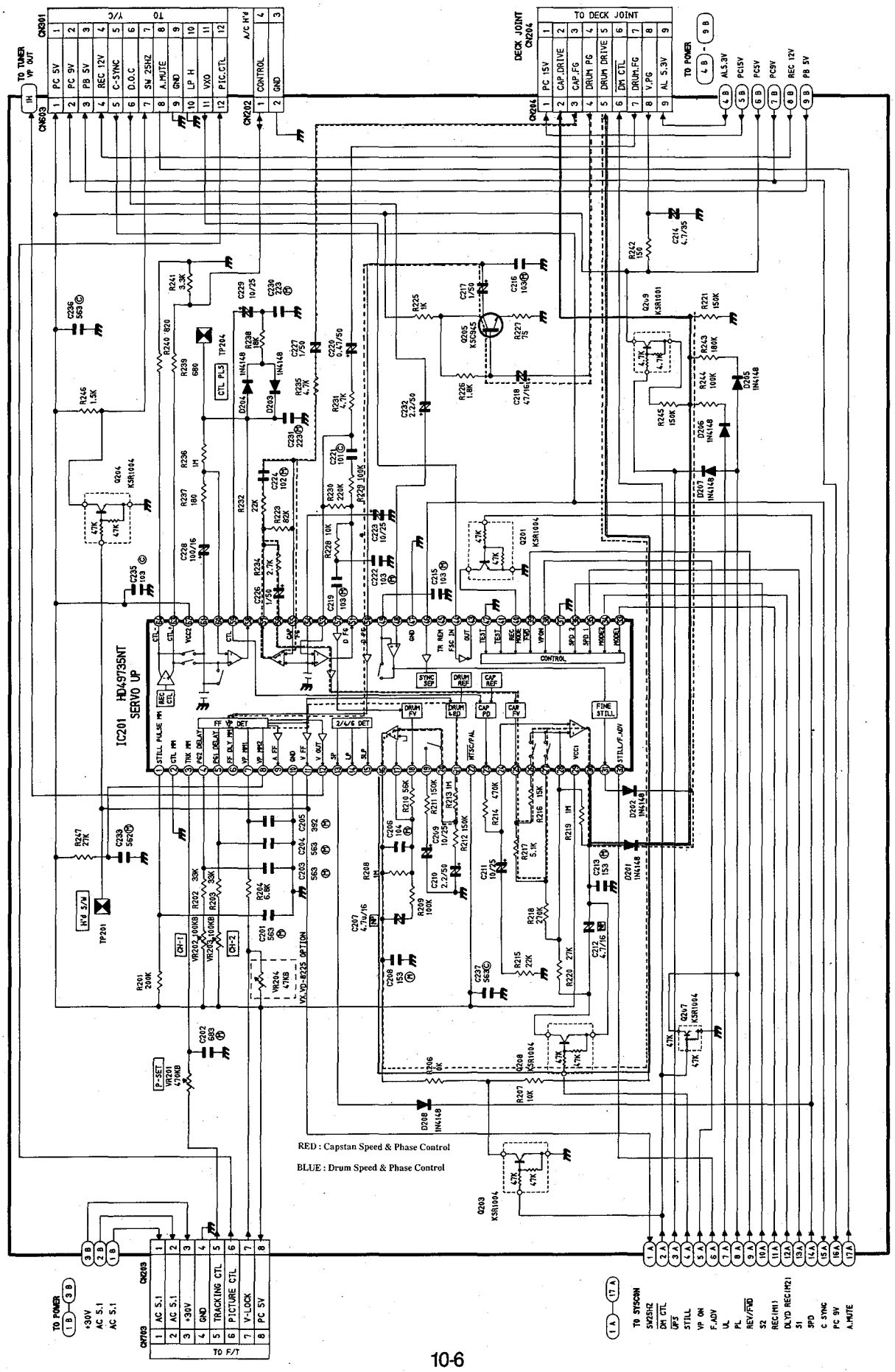
# 10-3. System Control -



| IC 601 [MAIN-A C.B.A. ( SYSTEM CONTROL) ] | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| MODE / PIN NO | STOP | PLAY | REC | REW | FWD | RPS | J RPS | JFPS | STILL |
| 1 | 5 | - | - | 5 | 5 | - | - | - | - |
| 2 | 0 | - | - | - | - | - | - | - | 5 |
| 3 | 5.8 | 0 | 0 | 0 | 5.8 | 0 | 0 | 0 | 0 |
| 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 | 4.7 | 4.7 | 4.7 | 4.7 | 4.7 | 4.7 | 4.7 | 4.7 | 4.7 |
| 7 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10 | - | - | - | - | - | - | - | - | - |
| 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14 | - | - | - | - | - | - | - | - | - |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16 | - | - | - | - | - | - | - | - | - |
| 17 | - | - | - | - | - | - | - | - | - |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 20 | 0 | 5 | 5 | 5 | 5 | 0 | 5 | 5 | 5 |
| 21 | 4.5 | 0 | 0 | 0 | 0 | 4.8 | 0 | 0 | 0 |
| 22 | 0 | 5 | 5 | 0 | 0 | 5 | 5 | 5 | 5 |
| 23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 27 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 30 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 32 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 33 | 0 | 0 | 0 | 5 | 5 | 5 | 0 | 0 | 0 |
| 34 | 5 | 4.6 | 5 | 5 | 5 | 4.6 | 4.6 | 4.6 | 4.6 |
| 35 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 0 |
| 36 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 39 | 0 | 0 | 0 | 5 | 0 | 5 | 5 | 0 | 0 |
| 40 | 0 | 5 | 5 | 0 | 5 | 0 | 0 | 5 | 0 |
| 41 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 |
| 42 | 0 | 5 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 43 | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 5 | 5 |
| 44 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 |
| 45 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 46 | - | - | - | - | - | - | - | - | - |
| 47 | - | - | - | - | - | - | - | - | - |
| 48 | 0 | 0 | 0 | 5 | 0 | 5 | 5 | 0 | 0 |
| 49 | 0 | 0 | 0 | 5 | 5 | 5 | 5 | 5 | 5 |
| 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 51 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 52 | 0 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 53 | 0 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 54 | 0 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 0 |
| 55 | 5 | 0 | 0 | 5 | 5 | 0 | 0 | 0 | 0 |
| 56 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 57 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 58 | 0 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 59 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 60 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 61 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 62 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 63 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 64 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| MAIN - A (SYSTEM CONTROL) C.B.A. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MODE / LOCA.NO | STOP | | | PLAY | | | REC | | | REW | | | F.F | | | RPS | | | FPS | | | J.RPS | | | J.FPS | | | STILL | | | | | | | |
| | E | B | C | E | B | C | E | B | C | E | B | C | E | B | C | E | B | C | E | B | C | E | B | C | E | B | C | E | B | C | | | | |
| Q601 | 0 | 0 | 5 | 0 | 0 | 5 | 0 | 0 | 5 | 0 | 0 | 5 | 0 | 0 | 5 | 0 | 0 | 5 | 0 | 0 | 5 | 0 | 0 | 5 | 0 | 0 | 5 | 0 | 0 | 5 | | | | |
| Q602 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | |
| Q603 | 0 | 0 | 2 | 0 | 1 | 2 | 0 | 0 | 1 | 0 | 0 | 2 | 0 | 0 | 2 | 0 | 1 | 2 | 0 | 1 | 2 | 0 | 1 | 2 | 0 | 1 | 2 | 0 | 1 | 2 | | | | |

# 10-4. Servo


IC201 HD49735NT
SERVO UP
CONTROL
RED : Capstan Speed & Phase Control
BLUE : Drum Speed & Phase Control
TO TUNER
TO DECK JOINT
TO POWER
TO SYSCON
TO F/T
TRACKING CTL
PICTURE CTL
V-LOCK
P-SET
H'd S/W
CH-1
CH-2

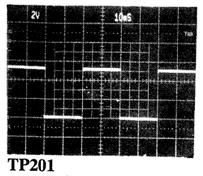
**IC 201 [MAIN-A C.B.A. ( SERVO) ]**

| MODE / PIN NO | STOP | PLAY | REC | REW | FWD | RPS | J RPS | JFPS | STILL |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | - |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | - | - | - | - | - | - | - | - | - |
| 4 | 0 | - | - | 0 | 0 | - | - | - | - |
| 5 | 0 | - | - | 0 | 0 | - | - | - | - |
| 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | - |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 5 | 5 | 5 | 5 | 5 | 5 |
| 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11 | 0 | - | - | 0 | 0 | - | - | - | - |
| 12 | 0 | 0 | 0 | 0 | 0 | - | - | - | - |
| 13 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | - | 0 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | - | 0 |
| 16 | 3.4 | 1.6 | 1.6 | 3.5 | 3.5 | 2.5 | 2.5 | 2.5 | 2.5 |
| 17 | 0 | 2.5 | 3.4 | 0 | 0 | 2 | 3.5 | 3.5 | 2.5 |
| 18 | 0 | 2.5 | 3.5 | 0 | 0 | 2 | 3.5 | 3.5 | 2.5 |
| 19 | 0 | 2.5 | 3.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 |
| 20 | 2.5 | 2.5 | 3.5 | 2.5 | 2.5 | 2 | 3.5 | 3.5 | 2.5 |
| 21 | 0 | 2.5 | 3.5 | 2.5 | 2.5 | 2 | 3.5 | 3.5 | 3.2 |
| 22 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 23 | 0 | 2.6 | 2.6 | 5 | 5 | 2.5 | 2.5 | 2.5 | 0 |
| 24 | 2.5 | 2.5 | 2.5 | 0 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 |
| 25 | 0 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 4.5 |
| 26 | 0 | 2.6 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 3.2 |
| 27 | 0 | 0 | 0 | 2.5 | 0 | 2.5 | 2.5 | 2.5 | 4.5 |
| 28 | 0 | 0 | 2.5 | 2.5 | 0 | 2.5 | 2.5 | 2.5 | 3.2 |
| 29 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 30 | 0.6 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.5 | 3.5 | 1 |
| 31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 33 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 |
| 34 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 |
| 35 | 0 | 0 | 0 | 5 | 0 | 5 | 5 | 5 | 0 |
| 36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 38 | 0 | 0 | 0 | 5 | 5 | 5 | 5 | 5 | 5 |
| 39 | 0 | 0 | 0 | 5 | 0 | 5 | 0 | 0 | 0 |
| 40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2.5 |
| 41 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 |
| 42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 43 | - | - | - | - | - | - | - | - | - |
| 44 | - | - | - | - | - | - | - | - | - |
| 45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 46 | 3.8 | - | - | - | - | - | - | - | - |
| 47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 48 | 3.2 | 3 | 3.2 | 3.2 | 3.2 | 3.2 | 3 | 3.2 | 3.2 |
| 49 | 0 | 0 | 0 | 0 | 0 | 0 | - | - | - |
| 50 | 2.2 | - | - | 2.4 | 2.5 | - | - | - | - |
| 51 | 2.5 | - | - | 2.5 | 2.5 | - | - | - | - |
| 52 | 2.2 | - | - | 2.5 | 2.5 | - | - | - | - |
| 53 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 |
| 54 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 |
| 55 | 2.5 | - | - | - | - | - | - | 2.5 | 2.5 |
| 56 | 2.4 | - | - | - | - | - | - | - | 2.5 |
| 57 | 2.5 | - | - | - | - | - | - | - | 2.5 |
| 58 | 2.5 | - | 2.5 | 2.5 | 2.5 | - | - | - | 0 |
| 59 | 2.4 | 0 | 2.4 | 2.5 | 2.5 | - | - | - | 2.5 |
| 60 | 2.5 | 0 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 |
| 61 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 |
| 62 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 63 | 2.5 | 2.5 | | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 |
| 64 | 2.5 | 2.5 | | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 |

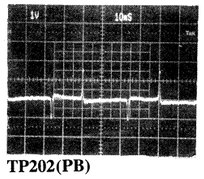
**MAIN - A (SERVO) C.B.A.**

| MODE / LOCA.NO | STOP E B C | PLAY E B C | REC E B C | REW E B C | F.F E B C | RPS E B C | FPS E B C | J.RPS E B C | J.FPS E B C | STILL E B C |
|---|---|---|---|---|---|---|---|---|---|---|
| Q201 | 0 5 0 | 0 5 0 | 0 5 0 | 0 5 0 | 0 5 0 | 0 5 0 | 0 5 0 | 0 5 0 | 0 5 0 | 0 5 0 |
| Q202 | 0 5 0 | 0 5 0 | 0 5 0 | 0 5 0 | 0 5 0 | 0 5 0 | 0 5 0 | 0 5 0 | 0 5 0 | 0 5 0 |
| Q203 | 0 5 0 | 0 0 1 | 0 0 1 | 0 5 0 | 0 5 0 | 0 0 1 | 0 0 1 | 0 0 1 | 0 0 1 | 0 0 1 |
| Q204 | 0 0 5 | 0 - - | 0 - - | 0 0 5 | 0 0 5 | 0 - - | 0 - - | 0 - - | 0 - - | 0 - - |
| Q205 | 0 1 1 | 0 1 1 | 0 1 1 | 0 1 1 | 0 1 1 | 0 1 1 | 0 1 1 | 0 1 1 | 0 1 1 | 0 1 1 |
| Q207 | 0 5 0 | 0 0 0 | 0 0 0 | 0 5 0 | 0 5 0 | 0 0 0 | 0 0 0 | 0 0 0 | 0 0 0 | 0 0 0 |
| Q208 | 0 0 0 | 3 0 2 | 3 0 2 | 3 0 2 | 3 0 2 | 3 0 2 | 3 0 2 | 3 0 2 | 4 0 2 | 0 5 1 |
| Q209 | 0 0 5 | 5 5 5 | 5 5 5 | 5 5 5 | 5 5 5 | 5 5 5 | 5 5 5 | 5 5 5 | 5 5 5 | 0 0 5 |

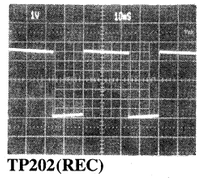




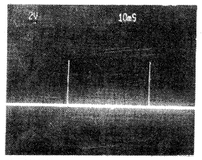
**TP201**
**5Vp-p**
**H'd S/W PULSE**



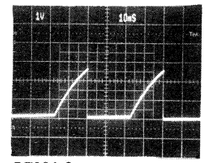
**TP202(PB)**
**2.5Vp-p**
**CTL PULSE**



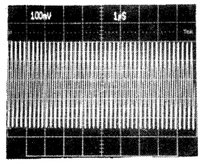
**TP202(REC)**
**3.5Vp-p**
**CTL PULSE**



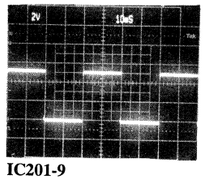
**TP203**
**4.4Vp-p**
**STILL POSITION**



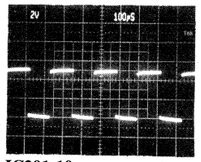
**IC201-2**
**2.5Vp-p**
**PLAYBACK**



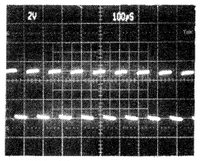
**IC201-6**
**450mVp-p**
**PLAYBACK**



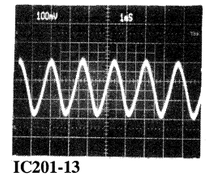
**IC201-9**
**5.0Vp-p**
**PLAYBACK**



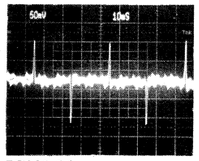
**IC201-10**
**5.0Vp-p**
**PLAYBACK**



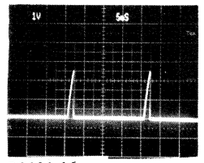
**IC201-11**
**5.0Vp-p**
**PLAYBACK**



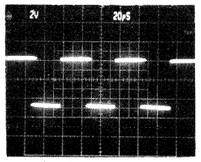
**IC201-13**
**300mVp-p**
**PLAYBACK**



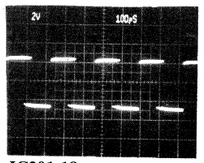
**IC201-14**
**200mVp-p**
**PLAYBACK**



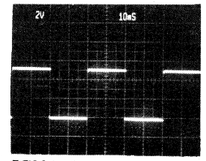
**IC201-16**
**3.0Vp-p**
**PLAYBACK**



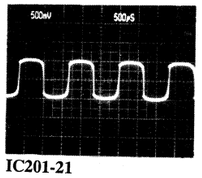
**IC201-17**
**5.0Vp-p**
**PLAYBACK**



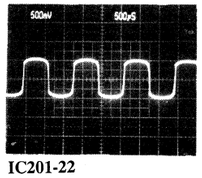
**IC201-18**
**5.0Vp-p**
**PLAYBACK**



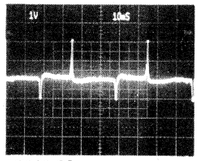
**IC201-19**
**5.0Vp-p**
**PLAYBACK**



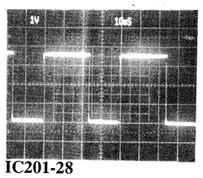
**IC201-21**
**1.0Vp-p**
**PLAYBACK**



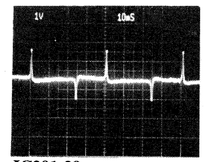
**IC201-22**
**1.0Vp-p**
**PLAYBACK**



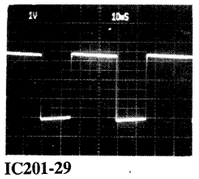
**IC201-28**
**3.0Vp-p**
**PLAYBACK**



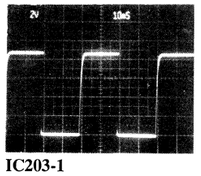
**IC201-28**
**3.5Vp-p**
**REC**



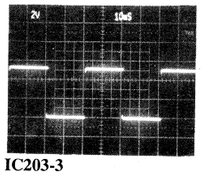
**IC201-29**
**2.5Vp-p**
**PLAYBACK**



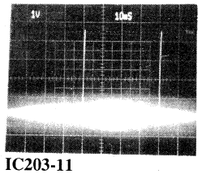
**IC201-29**
**3.4Vp-p**
**REC**



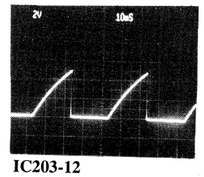
**IC203-1**
**8.8Vp-p**
**PLAYBACK**



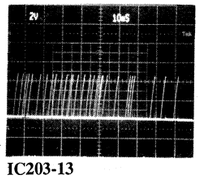
**IC203-3**
**5.0Vp-p**
**PLAYBACK**



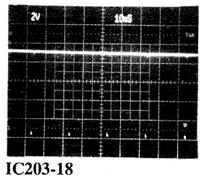
**IC203-11**
**4.5Vp-p**
**PLAYBACK**



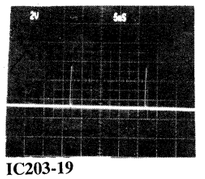
**IC203-12**
**5.0Vp-p**
**PLAYBACK**



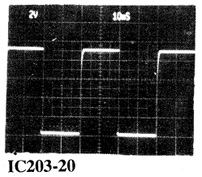
**IC203-13**
**4.2Vp-p**
**PLAYBACK**



**IC203-18**
**9.0Vp-p**
**PLAYBACK**

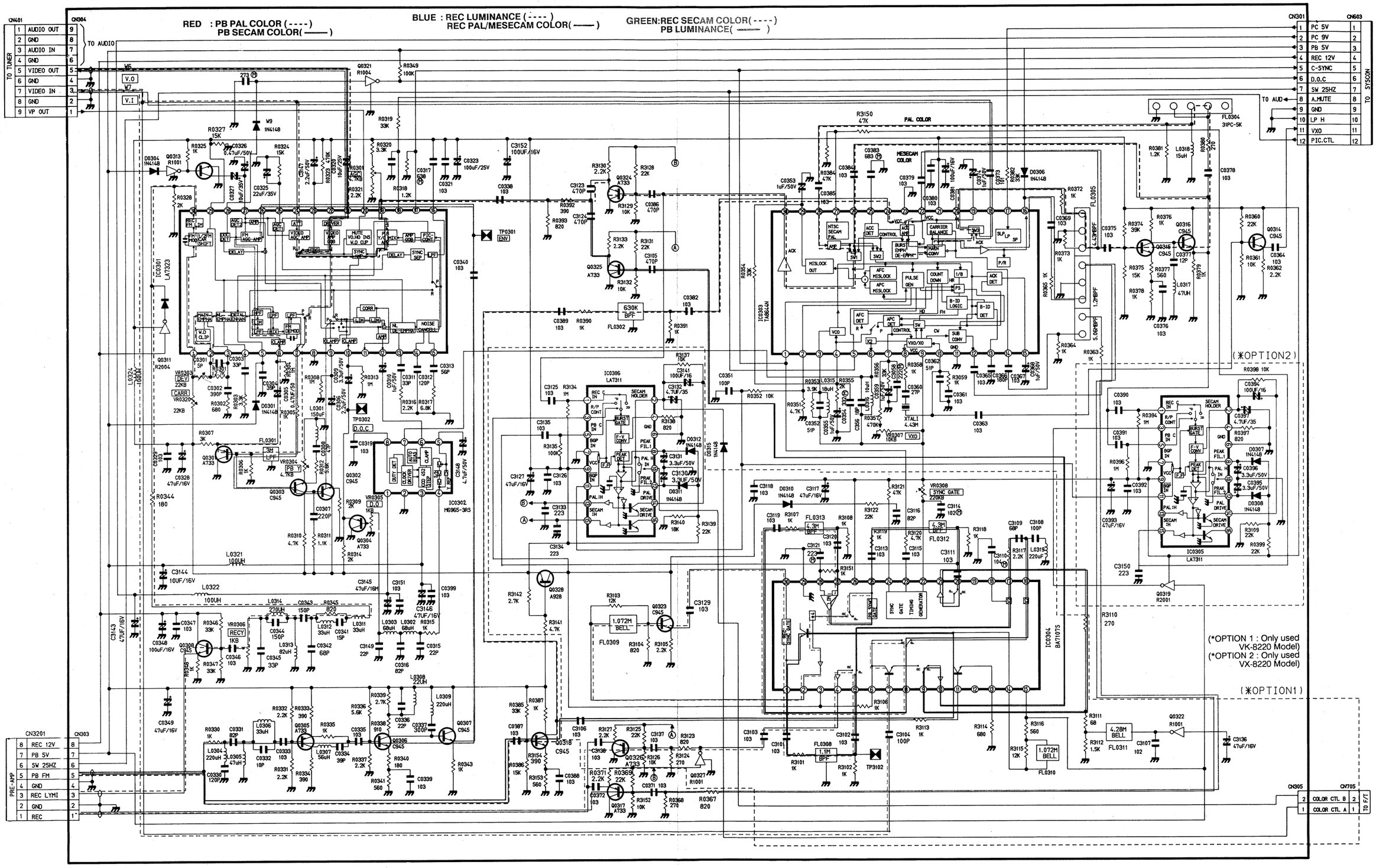


**IC203-19**
**4.4Vp-p**
**PLAYBACK**



**IC203-20**
**9.0Vp-p**
**PLAYBACK**

# 10-5. Lumiance/Chrominance



## IC 0301 [MAIN-B C.B.A. ( VIDEO) ]

| MODE / PIN NO | STOP | REC | PLAY | REW | F.FED | REV.S | FWDS |
|---|---|---|---|---|---|---|---|
| 1 | 2.4 | 2.4 | 3.6 | 2.4 | 2.4 | 3.6 | 3.6 |
| 2 | 2.4 | 2.4 | 2.6 | 2.4 | 2.4 | 2.6 | 2.6 |
| 3 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 |
| 4 | 3.0 | 3.0 | 2.6 | 3.0 | 3.0 | 2.6 | 2.6 |
| 5 | 2.8 | 2.8 | 4.4 | 2.8 | 2.8 | 4.4 | 4.4 |
| 6 | 3.4 | 3.4 | 1.0 | 3.4 | 3.4 | 1.0 | 1.0 |
| 7 | 2.4 | 2.4 | 2.0 | 2.4 | 2.4 | 2.0 | 2.0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 1.2 | 1.2 | 3.4 | 1.2 | 1.2 | 3.4 | 3.4 |
| 10 | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 |
| 11 | | | | | | | |
| 12 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 |
| 13 | 4.4 | 4.4 | 3.0 | 4.4 | 4.4 | 3.0 | 3.0 |
| 14 | 4.4 | 4.4 | 3.0 | 4.4 | 4.4 | 3.0 | 3.0 |
| 15 | 4.4 | 4.4 | 4.0 | 4.4 | 4.4 | 4.0 | 4.0 |
| 16 | 3.6 | 3.6 | 3.4 | 3.6 | 3.6 | 3.4 | 3.4 |
| 17 | - | - | - | - | - | - | - |
| 18 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 |
| 19 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 21 | 2.5 | 2.5 | 2.4 | 2.5 | 2.5 | 2.4 | 2.4 |
| 22 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 |
| 23 | 3.6 | 3.6 | 3.2 | 3.6 | 3.6 | 3.2 | 3.2 |
| 24 | 3.0 | 3.0 | 3.2 | 3.0 | 3.0 | 3.2 | 3.2 |
| 25 | 2.8 | 2.8 | 3.6 | 2.8 | 2.8 | 3.6 | 3.6 |
| 26 | 3.4 | 3.4 | 3.6 | 3.4 | 3.4 | 3.6 | 3.6 |
| 27 | 1.4 | 1.4 | 1.2 | 1.4 | 1.4 | 1.2 | 1.2 |
| 28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 29 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 |
| 30 | 4.3 | 4.3 | 4.3 | 4.3 | 4.3 | 4.3 | 4.3 |

REV S. : REVERSE SEARCH
FWD S.: FORWARD SEARCH

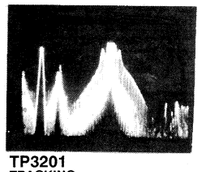
| MODE / PIN NO. | IC 0303 STOP | REC | PLAY | REW | F.FWD | REV S. | FWD S. |
|---|---|---|---|---|---|---|---|
| PIN 1 | 0.8 | 4 | 0.4 | 0.9 | 0.8 | 0.9 | 4.0 |
| PIN 2 | 3.7 | 3.8 | 3.8 | 3.7 | 3.7 | 3.8 | 3.8 |
| PIN 3 | 5.0 | 5 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 |
| PIN 4 | 1.7 | 1.8 | 1.7 | 1.7 | 1.7 | 2.3 | 1.8 |
| PIN 5 | 4.3 | 4.3 | 4.3 | 4.3 | 4.3 | 4.3 | 4.3 |
| PIN 6 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 |
| PIN 7 | 2.2 | 2.0 | 2.0 | 2.2 | 2.2 | 2.0 | 2.0 |
| PIN 8 | 2.5 | 2.3 | 2.3 | 2.5 | 2.5 | 2.3 | 2.3 |
| PIN 9 | 5.0 | 50 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 |
| PIN 10 | 3.2 | 3.0 | 3.0 | 3.1 | 3.1 | 3.0 | 3.0 |
| PIN 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PIN 12 | 4.3 | 4.3 | 4.4 | 4.3 | 4.3 | 4.3 | 4.3 |
| PIN 13 | 3.0 | 3 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 |
| PIN 14 | 2.7 | 3 | 2.7 | 2.7 | 2.7 | 2.7 | 3.0 |
| PIN 15 | 2.4 | 2.4 | 2.3 | 2.3 | 2.3 | 2.4 | 2.4 |
| PIN 16 | 0 | 0 | 4.4 | 0 | 0 | 4.4 | 0 |
| PIN 17 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 |
| PIN 18 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 |
| PIN 19 | 2.9 | 3.0 | 3.0 | 2.9 | 3.0 | 3.0 | 3 |
| PIN 20 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 |
| PIN 21 | 5.0 | 5 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 |
| PIN 22 | 2.7 | 2.8 | 2.8 | 2.7 | 2.7 | 2.8 | 2.8 |
| PIN 23 | 0 | 0 | 0.0 | 0 | 0 | 0 | 0.0 |
| PIN 24 | 1.7 | 1.7 | 2.8 | 1.7 | 1.7 | 2.8 | 1.7 |
| PIN 25 | 3.6 | 2.3 | 4.5 | 3.6 | 3.6 | 4.0 | 2.3 |
| PIN 26 | 2.4 | 2.4 | 2.3 | 2.4 | 2.4 | 2.3 | 2.4 |
| PIN 27 | 0 | 0 | 0.0 | 0 | 0 | 0 | 0.0 |
| PIN 28 | 2.7 | 2.7 | 2.6 | 2.7 | 2.7 | 2.6 | 2.7 |
| PIN 29 | 1.7 | 2.4 | 2.3 | 1.6 | 1.6 | 2.3 | 2.4 |
| PIN 30 | 2.8 | 2.8 | 0 | 2.8 | 2.8 | 0 | 2.8 |

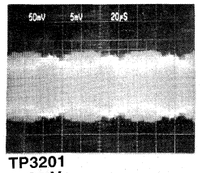
## IC 0304 [MAIN-B C.B.A. ( VIDEO) ]

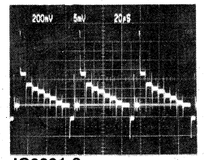
| MODE / PIN.NO | STOP | REC | PLAY | REW | F.FED | REV.S | FWDS |
|---|---|---|---|---|---|---|---|
| 1 | 2.8 | 2.8 | 2.0 | 2.8 | 2.8 | 2.0 | 2.0 |
| 2 | 3.2 | 3.2 | 0 | 3.2 | 3.2 | 0 | 0 |
| 3 | 5.0 | 5.0 | 0.4 | 5.0 | 5.0 | 0.4 | 0.4 |
| 4 | 2.0 | 2.0 | 0 | 2.0 | 2.0 | 0 | 0 |
| 5 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| 6 | 3.8 | 3.8 | 0.4 | 3.8 | 3.8 | 0.4 | 0.4 |
| 7 | 1.6 | 1.6 | OPEN | 1.6 | 1.6 | OPEN | OPEN |
| 8 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 |
| 9 | 1.8 | 1.8 | 1.2 | 1.8 | 1.8 | 1.2 | 1.2 |
| 10 | 0 | 0 | 2.2 | 0 | 0 | 2.2 | 2.2 |
| 11 | 0 | 0 | 3.0 | 0 | 0 | 3.0 | 3.0 |
| 12 | N.C | N.C | N.C | N.C | N.C | N.C | N.C |
| 13 | 0 | 0 | 1.4 | 0 | 0 | 1.4 | 1.4 |
| 14 | 0 | 0 | 2.8 | 0 | 0 | 2.8 | 2.8 |
| 15 | 0 | 0 | 5.0 | 0 | 0 | 5.0 | 5.0 |
| 16 | 0 | 0 | 2.6 | 0 | 0 | 2.6 | 2.6 |
| 17 | OPEN | OPEN | 3.0 | OPEN | OPEN | 3.0 | 3.0 |
| 18 | 0 | 0 | 2.0 | 0 | 0 | 2.0 | 2.0 |
| 19 | N.C | N.C | N.C | N.C | N.C | N.C | N.C |
| 20 | 1.0 | 1.0 | 1.4 | 1.0 | 1.0 | 1.4 | 1.4 |
| 21 | 1.8 | 1.8 | 1.4 | 1.8 | 1.8 | 1.4 | 1.4 |
| 22 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 |
| 23 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 |
| 24 | 3.4 | 3.4 | 2.0 | 3.4 | 2.4 | 2.0 | 2.0 |
| 25 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 |
| 26 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 |
| 27 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 |
| 28 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 |
| 29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 30 | 2.6 | 2.6 | 0 | 2.6 | 2.6 | 0 | 0 |

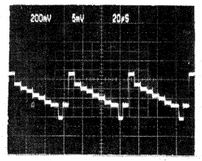
REV S. : REVERSE SEARCH
FWD S.: FORWARD SEARCH

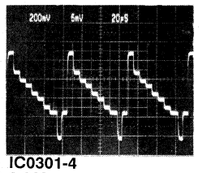
| MODE / PIN NO. | IC 0302 STOP | REC | PLAY | REW | F.FWD | REV S. | FWD S. |
|---|---|---|---|---|---|---|---|
| PIN 1 | 9 | 5 | 9 | 9 | 9 | 9 | 9 |
| PIN 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PIN 3 | 0 | 0 | 4.9 | 0 | 0 | 4.9 | 4.9 |
| PIN 4 | 5.2 | 0 | 3.3 | 5.2 | 5.2 | 3.3 | 3.3 |
| PIN 5 | 3.0 | 3.0 | 3.1 | 2 | 3 | 3.1 | 3.1 |
| PIN 6 | 4.4 | 0 | 2.4 | 3.6 | 3 | 2.4 | 2.4 |
| PIN 7 | 1.6 | 1.0 | 1.8 | 1.6 | 1.7 | 1.8 | 1.8 |
| PIN 8 | 3.4 | 2.4 | 5.1 | 3.5 | 3.3 | 5.1 | 5.1 |

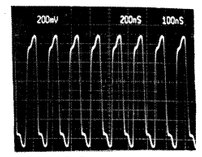

TP3201
TRACKING
SCOPE
SECAM

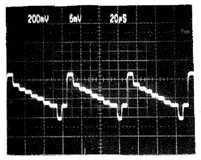

TP3201
152mV
REC

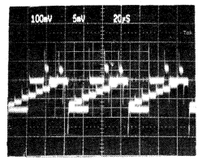

IC0301-2
1.2 Vp-p
REC

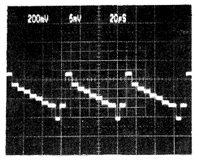

IC0301-3
440mVp-p
REC

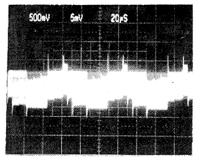

IC0301-4
0.9 Vp-p
REC

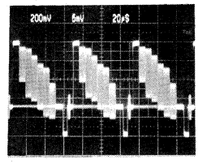

IC0303-8
1.2Vp-p
PLAYBACK

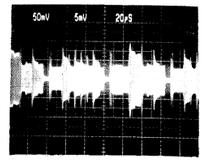

IC0301-5
450m Vp-p
PB

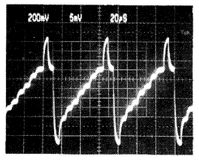

IC0301-6
450m Vp-p
PB

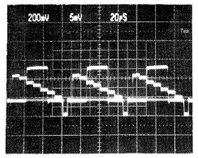

IC0301-6
450 mVp-p
REC

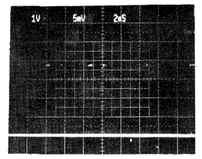

IC0301-7
1.5 Vp-p
PB

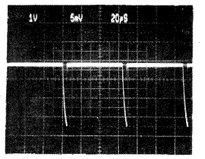

IC0301-7
1 Vp-p
REC

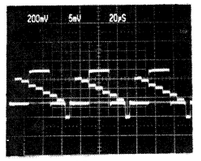

IC0304-3
200 m Vp-p
REC

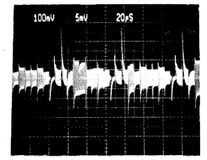

IC0301-8
1.4 Vp-p
REC

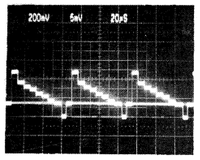

IC0301-9
0.5 Vp-p
PB

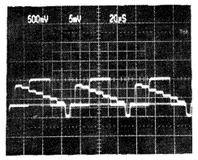

IC0301-11
3.8 Vp-p
PB

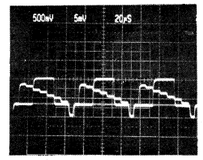

IC0301-11
3 Vp-p
REC

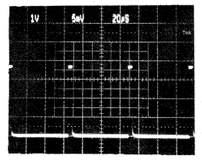

IC0301-12
0.5 Vp-p
PB

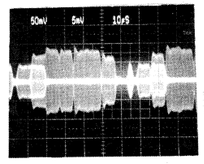

IC0304-7
350 mVp-p
REC

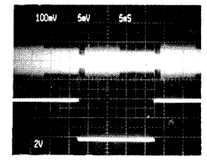

IC0301-12
0.5 Vp-p
REC

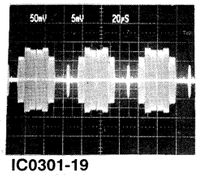

IC0301-13
1 Vp-p
PB

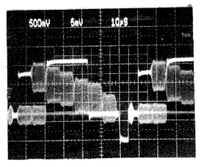

IC0301-14
1 Vp-p
PB

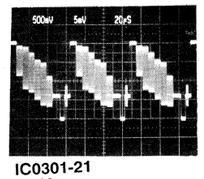

IC0301-17
3.6 Vp-p
PB/REC

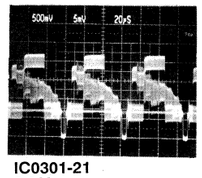

IC0301-19
160 mVp-p
PB

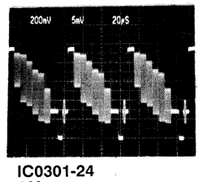

IC0304-14
200 mVp-p
PB

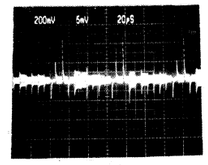

IC0301-19
170 mVp-p
REC

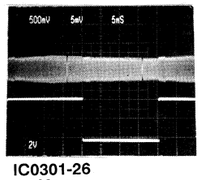

IC0301-21
2.0 Vp-p
PB(PAL)

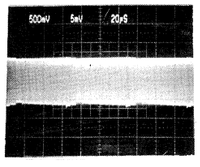

IC0301-21
2.0 Vp-p
REC(PAL)

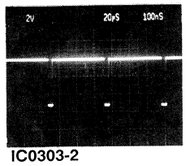

IC0301-21
2.0 Vp-p
PB(SECAM)

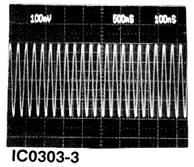

IC0301-24
1 Vp-p
REC

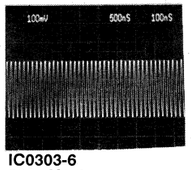

IC0304-21
200 mVp-p
REC


IC0301-26
0.6 Vp-p
PB


IC0301-30
1.2 Vp-p
REC


IC0303-2
3.0Vp-p
PLAYBACK


IC0303-3
400mVp-p
PLAYBACK

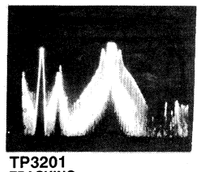

IC0303-6
300mVp-p
PLAYBACK

REV S. : REVERSE SEARCH
FWD S.: FORWARD SEARCH

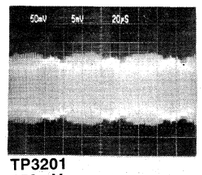
| REW | F.FWD | REV S. | FWD S. |
|---|---|---|---|
| 0.9 | 0.8 | 0.9 | 4.0 |
| 3.7 | 3.7 | 3.8 | 3.8 |
| 5.0 | 5.0 | 5.0 | 5.0 |
| 1.7 | 1.7 | 2.3 | 1.8 |
| 4.3 | 4.3 | 4.3 | 4.3 |
| 5.0 | 5.0 | 5.0 | 5.0 |
| 2.2 | 2.2 | 2.0 | 2.0 |
| 2.5 | 2.5 | 2.3 | 2.3 |
| 5.0 | 5.0 | 5.0 | 5.0 |
| 3.1 | 3.1 | 3.0 | 3.0 |
| 0 | 0 | 0 | 0 |
| 4.3 | 4.3 | 4.3 | 4.3 |
| 3.0 | 3.0 | 3.0 | 3.0 |
| 2.7 | 2.7 | 2.7 | 3.0 |
| 2.3 | 2.3 | 2.4 | 2.4 |
| 0 | 0 | 4.4 | 0 |
| 5.0 | 5.0 | 5.0 | 5.0 |
| 2.5 | 2.5 | 2.5 | 2.5 |
| 2.9 | 3.0 | 3.0 | 3 |
| 2.5 | 2.5 | 2.5 | 2.5 |
| 5.0 | 5.0 | 5.0 | 5.0 |
| 2.7 | 2.7 | 2.8 | 2.8 |
| 0 | 0 | 0 | 0.0 |
| 1.7 | 1.7 | 2.8 | 1.7 |
| 3.6 | 3.6 | 4.0 | 2.3 |
| 2.4 | 2.4 | 2.3 | 2.4 |
| 0 | 0 | 0 | 0.0 |
| 2.7 | 2.7 | 2.6 | 2.7 |
| 1.6 | 1.6 | 2.3 | 2.4 |
| 2.8 | 2.8 | 0 | 2.8 |

[MAIN-B C.B.A. ( VIDEO) ]

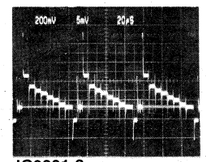
| REC | PLAY | REW | F.FED | REV.S | FWDS |
|---|---|---|---|---|---|
| 2.8 | 2.0 | 2.8 | 2.8 | 2.0 | 2.0 |
| 3.2 | 0 | 3.2 | 3.2 | 0 | 0 |
| 5.0 | 0.4 | 5.0 | 5.0 | 0.4 | 0.4 |
| 2.0 | 0 | 2.0 | 2.0 | 0 | 0 |
| 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| 3.8 | 0.4 | 3.8 | 3.8 | 0.4 | 0.4 |
| 1.6 | OPEN | 1.6 | 1.6 | OPEN | OPEN |
| 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 |
| 1.8 | 1.2 | 1.8 | 1.8 | 1.2 | 1.2 |
| 0 | 2.2 | 0 | 0 | 2.2 | 2.2 |
| 0 | 3.0 | 0 | 0 | 3.0 | 3.0 |
| N.C | N.C | N.C | N.C | N.C | N.C |
| 0 | 1.4 | 0 | 0 | 1.4 | 1.4 |
| 0 | 2.8 | 0 | 0 | 2.8 | 2.8 |
| 0 | 5.0 | 0 | 0 | 5.0 | 5.0 |
| 0 | 2.6 | 0 | 0 | 2.6 | 2.6 |
| OPEN | 3.0 | OPEN | OPEN | 3.0 | 3.0 |
| 0 | 2.0 | 0 | 0 | 2.0 | 2.0 |
| N.C | N.C | N.C | N.C | N.C | N.C |
| 1.0 | 1.4 | 1.0 | 1.0 | 1.4 | 1.4 |
| 1.8 | 1.4 | 1.8 | 1.8 | 1.4 | 1.4 |
| 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 |
| 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 |
| 3.4 | 2.0 | 3.4 | 2.4 | 2.0 | 2.0 |
| 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 |
| 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 |
| 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 |
| 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 |
| 0 | 0 | 0 | 0 | 0 | 0 |
| 2.6 | 0 | 2.6 | 2.6 | 0 | 0 |



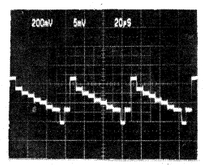
TP3201
TRACKING
SCOPE
SECAM



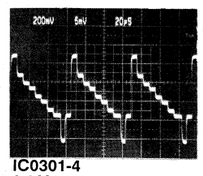
TP3201
152mV
REC



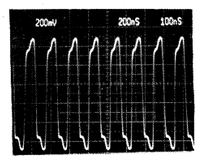
IC0301-2
1.2 Vp-p
REC



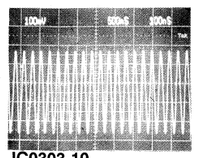
IC0301-3
440mVp-p
REC



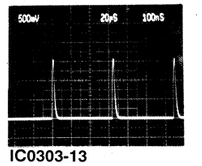
IC0301-4
0.9 Vp-p
REC



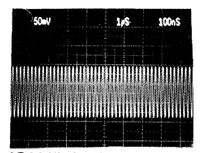
IC0303-8
1.2Vp-p
PLAYBACK



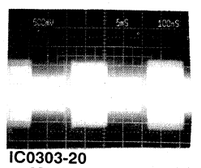
IC0303-10
400mVp-p
PLAYBACK



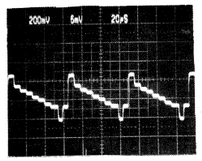
IC0303-13
1.5Vp-p
PLAYBACK



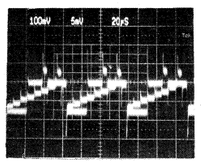
IC0303-14
1.5Vp-p
PLAYBACK



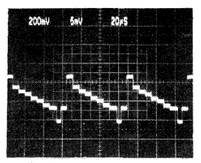
IC0303-20
1.6Vp-p
PLAYBACK



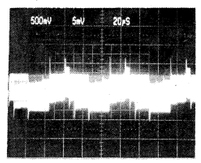
IC0301-5
450m Vp-p
PB



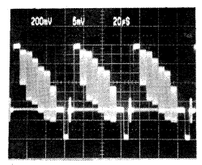
IC0301-6
450m Vp-p
PB



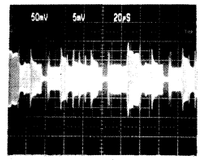
IC0301-6
450 mVp-p
REC



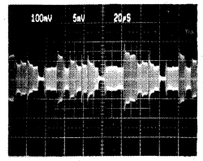
IC0301-7
1.5 Vp-p
PB



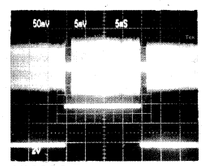
IC0301-7
1 Vp-p
REC



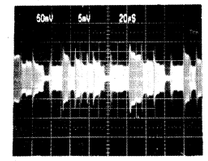
IC0304-3
200 m Vp-p
REC



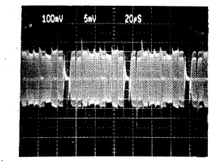
IC0304-4
300 m Vp-p
REC



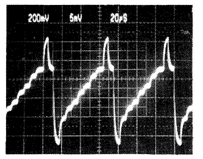
IC0304-5
150 mVp-p
PB



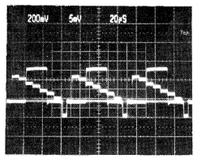
IC0304-5
180 mVp-p
REC



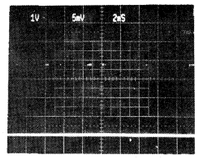
IC0304-6
300 mVp-p
REC



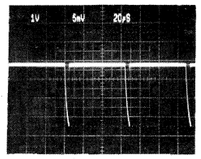
IC0301-8
1.4 Vp-p
REC



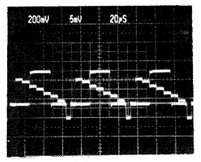
IC0301-9
0.5 Vp-p
PB



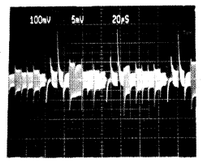
IC0301-11
3.8 Vp-p
PB



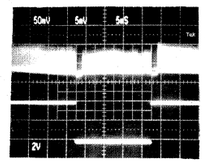
IC0301-11
3 Vp-p
REC



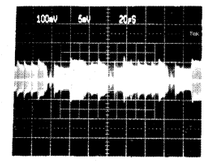
IC0301-12
0.5 Vp-p
PB



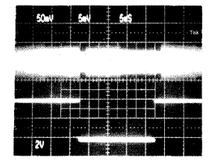
IC0304-7
350 mVp-p
REC



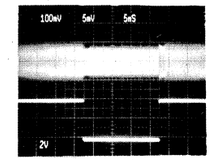
IC0304-8
0.9Vp-p
PB



IC0304-9
200 mVp-p
PB

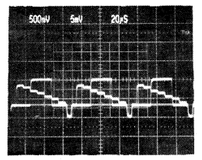


IC0304-11
90 mVp-p
PB

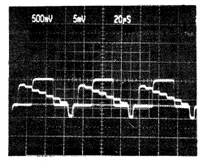


IC0304-13
200 mVp-p
PB

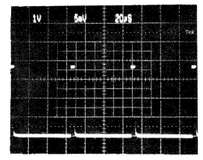
IC0301-12
0.5 Vp-p
REC



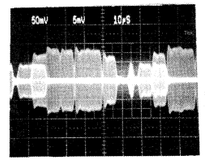
IC0301-13
1 Vp-p
PB



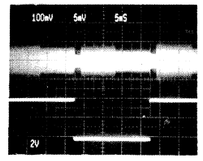
IC0301-14
1 Vp-p
PB



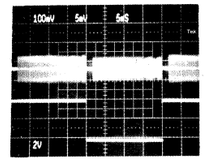
IC0301-17
3.6 Vp-p
PB/REC



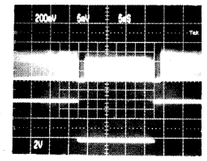
IC0301-19
160 mVp-p
PB



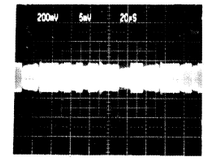
IC0304-14
200 mVp-p
PB



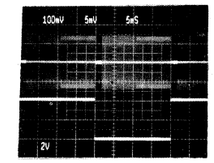
IC0304-16
120 mVp-p
PB



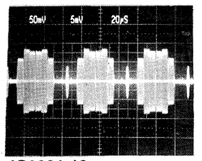
IC0304-17
300 mVp-p
PB



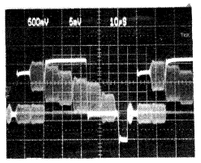
IC0304-20
300 mVp-p
REC



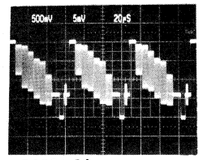
IC0304-20
300 mVp-p
PB



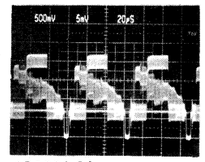
IC0301-19
170 mVp-p
REC



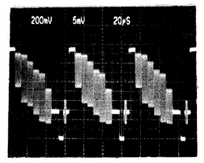
IC0301-21
2.0 Vp-p
PB(PAL)



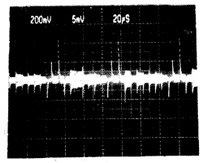
IC0301-21
2.0 Vp-p
REC(PAL)



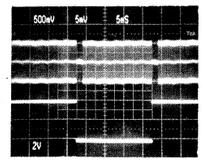
IC0301-21
2.0 Vp-p
PB(SECAM)



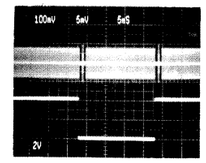
IC0301-24
1 Vp-p
REC



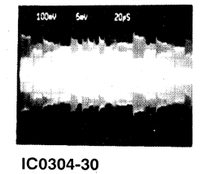
IC0304-21
200 mVp-p
REC



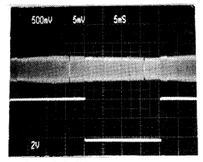
IC0304-25
1 Vp-p
PB



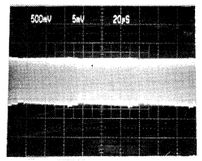
IC0304-27
180 mVp-p
REC



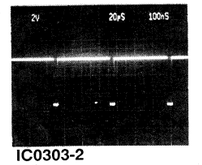
IC0304-30
350 mVp-p
REC



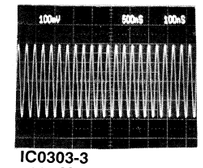
IC0301-26
0.6 Vp-p
PB



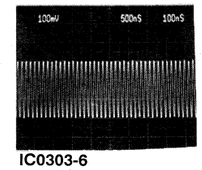
IC0301-30
1.2 Vp-p
REC



IC0303-2
3.0Vp-p
PLAYBACK

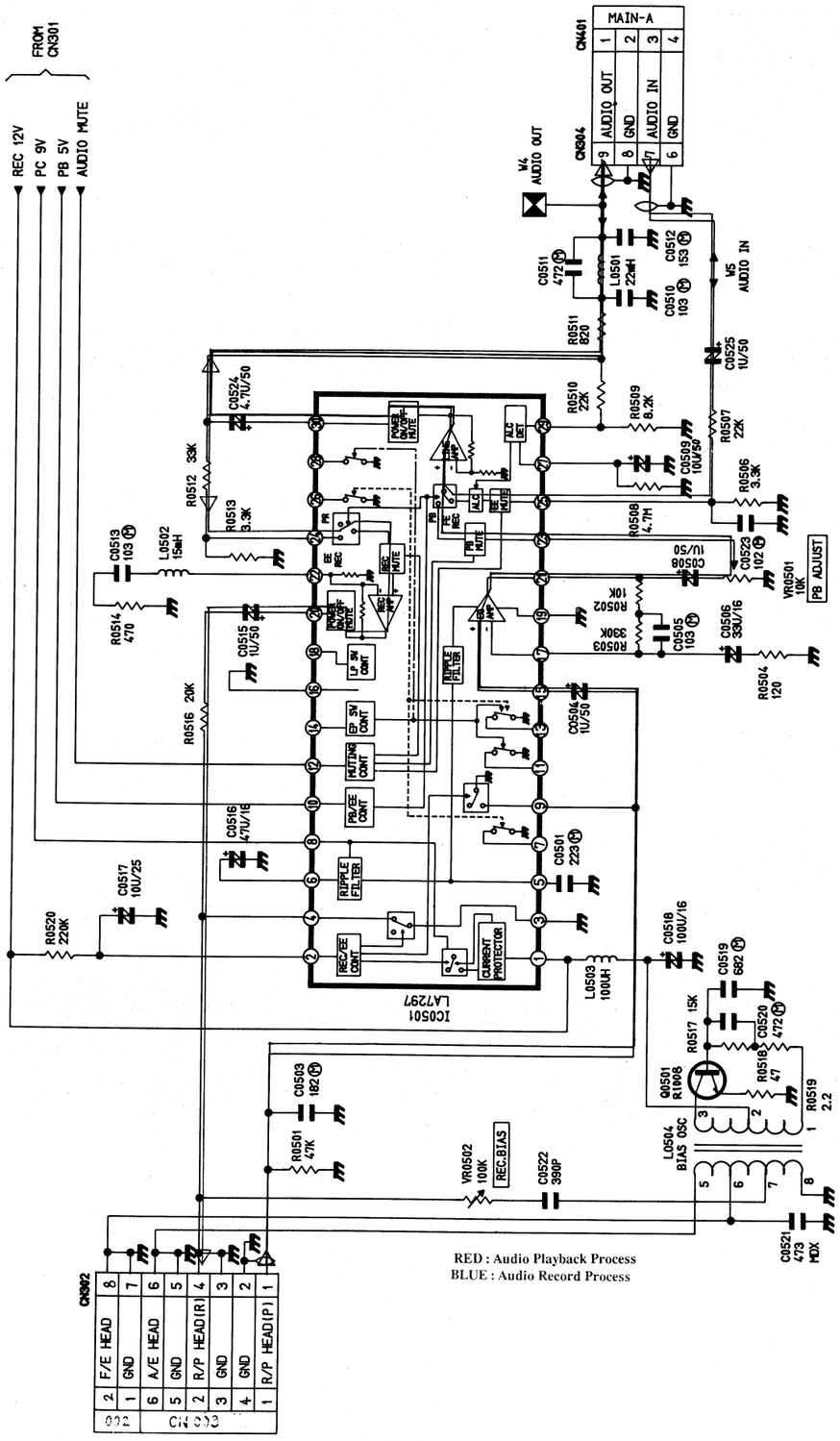


IC0303-3
400mVp-p
PLAYBACK



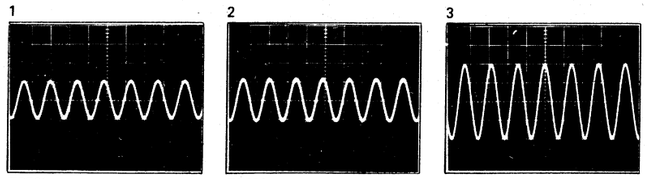
IC0303-6
300mVp-p
PLAYBACK

# 10-6. Audio




RED : Audio Playback Process
BLUE : Audio Record Process

AUDIO




TP501
0.5V/1msec/cm
REC

TP502
1V/1msec/cm
REC/PLAY

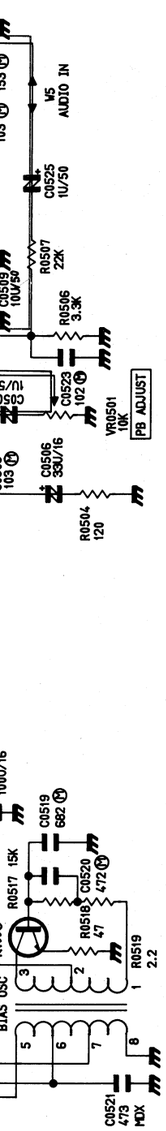
TP503
10V/10μsec/cm
REC

| MODE | IC0501 | | | | | | |
|---|---|---|---|---|---|---|---|
| PIN NO. | STOP | REC | PLAY | REW | F.FWD | REV S. | FWD S. |
| PIN 1 | 0 | 9 | OPEN | 0 | 0 | OPEN | OPEN |
| PIN 2 | 0 | 3.4 | 0 | 0 | 0 | 0 | 0 |
| PIN 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PIN 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PIN 5 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| PIN 6 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| PIN 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PIN 8 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| PIN 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PIN 10 | 0 | 0 | 5 | 0 | 0 | 5 | 5 |
| PIN 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PIN 12 | 0 | 0 | 0 | 0 | 0 | 4.6 | 2.4 |
| PIN 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PIN 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PIN 15 | 2 | 2.4 | 2.4 | 2 | 2 | 2.4 | 1.2 |
| PIN 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PIN 17 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 |
| PIN 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PIN 19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PIN 20 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| PIN 21 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 |
| PIN 22 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 |
| PIN 23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PIN 24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PIN 25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PIN 26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PIN 27 | 0.6 | 0.6 | 0.4 | 0.6 | 0.6 | 0.4 | 0.4 |
| PIN 28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PIN 29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PIN 30 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |

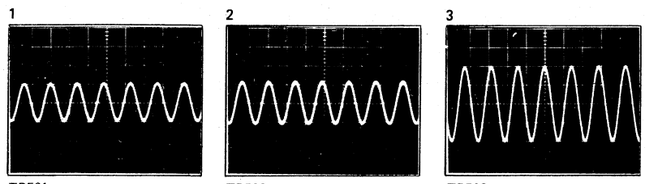




C3205 223




AUDIO



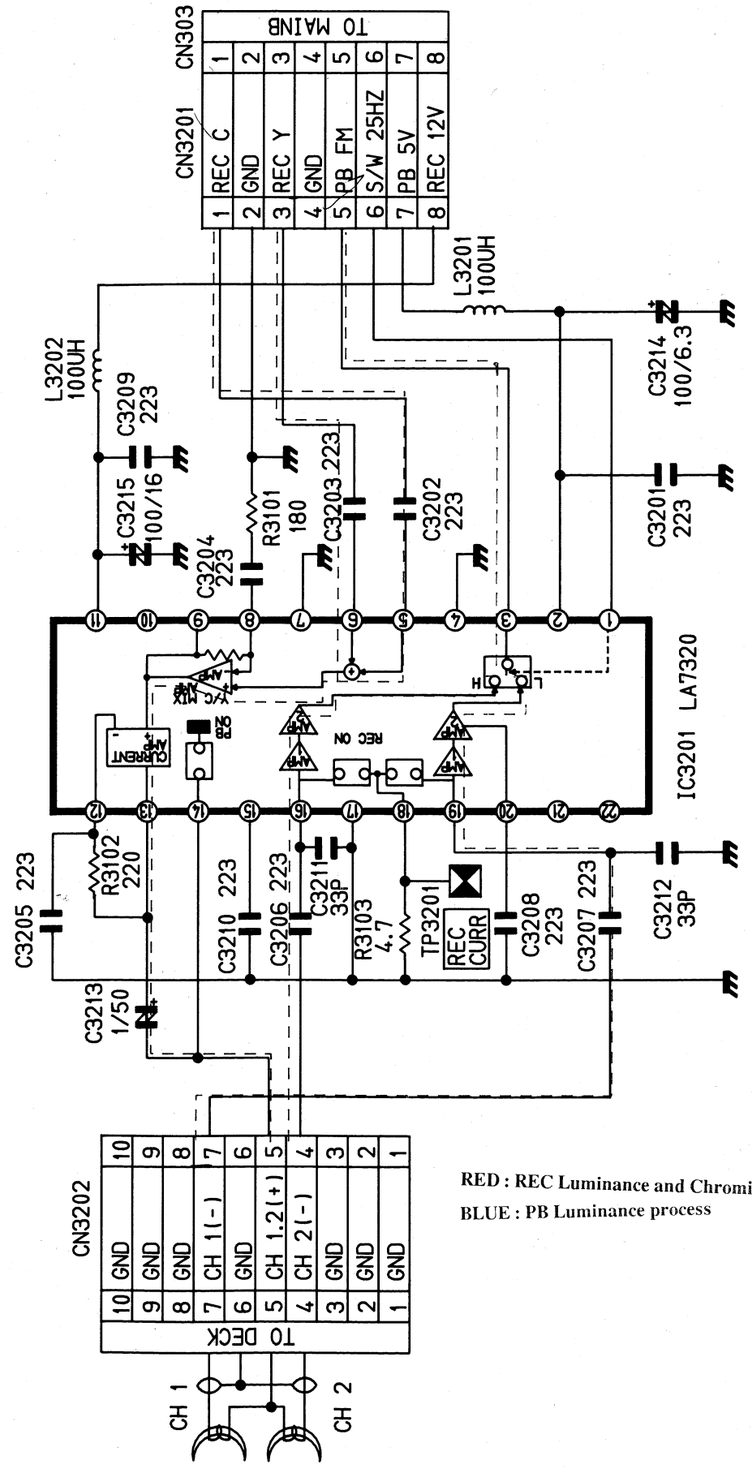

TP501
0.5V/1msec/cm
REC

TP502
1V/1msec/cm
REC/PLAY

TP503
10V/10μsec/cm
REC

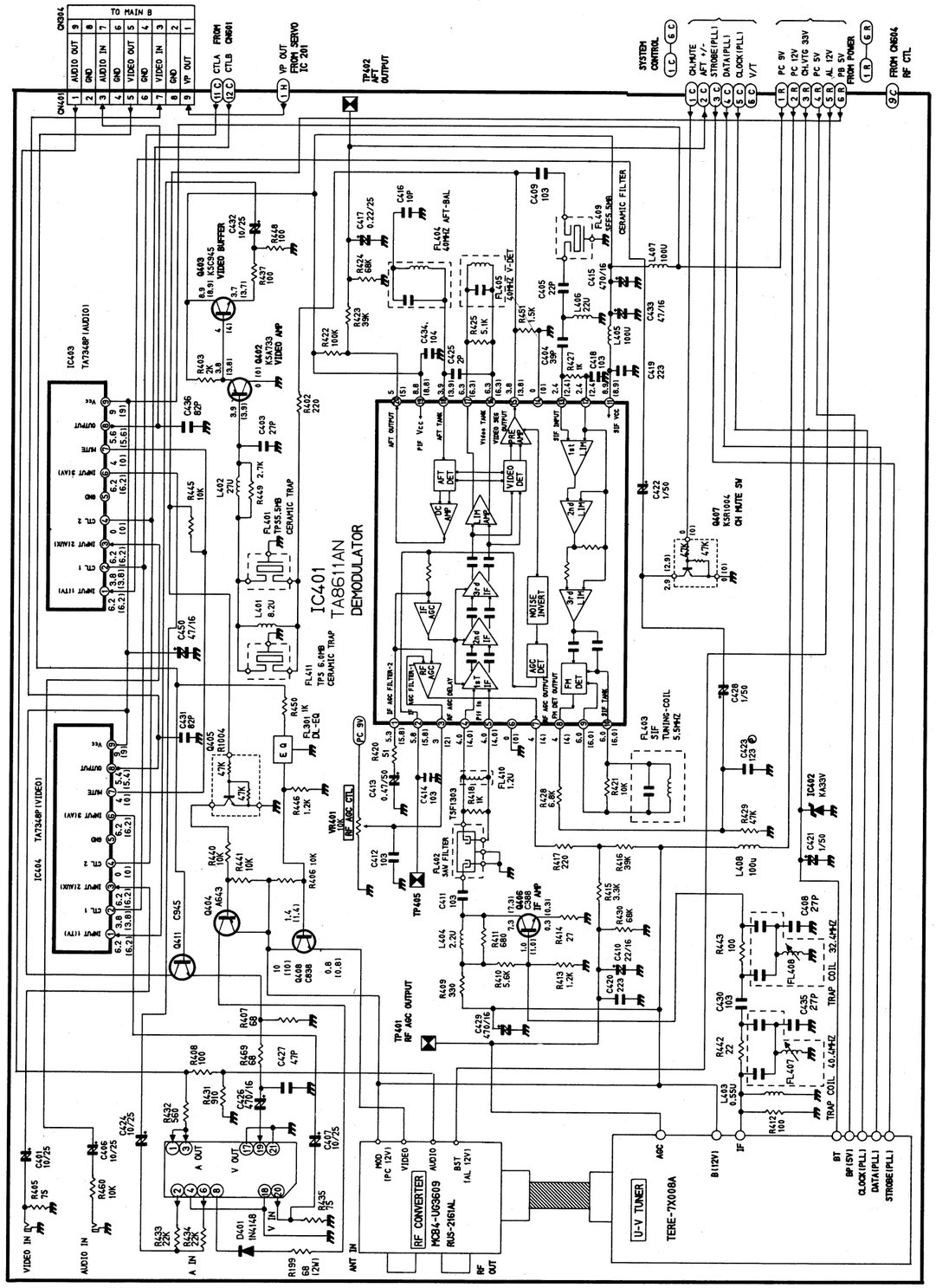
| MODE | IC0501 | | | | | | |
|---|---|---|---|---|---|---|---|
| PIN NO. | STOP | REC | PLAY | REW | F.FWD | REV S. | FWD S. |
| PIN 1 | 0 | 9 | OPEN | 0 | 0 | OPEN | OPEN |
| PIN 2 | 0 | 3.4 | 0 | 0 | 0 | 0 | 0 |
| PIN 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PIN 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PIN 5 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| PIN 6 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| PIN 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PIN 8 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| PIN 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PIN 10 | 0 | 0 | 5 | 0 | 0 | 5 | 5 |
| PIN 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PIN 12 | 0 | 0 | 0 | 0 | 0 | 4.6 | 2.4 |
| PIN 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PIN 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PIN 15 | 2 | 2.4 | 2.4 | 2 | 2 | 2.4 | 1.2 |
| PIN 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PIN 17 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 |
| PIN 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PIN 19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PIN 20 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| PIN 21 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 |
| PIN 22 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 |
| PIN 23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PIN 24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PIN 25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PIN 26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PIN 27 | 0.6 | 0.6 | 0.4 | 0.6 | 0.6 | 0.4 | 0.4 |
| PIN 28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PIN 29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PIN 30 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |

## 10-7. Pre AMP.

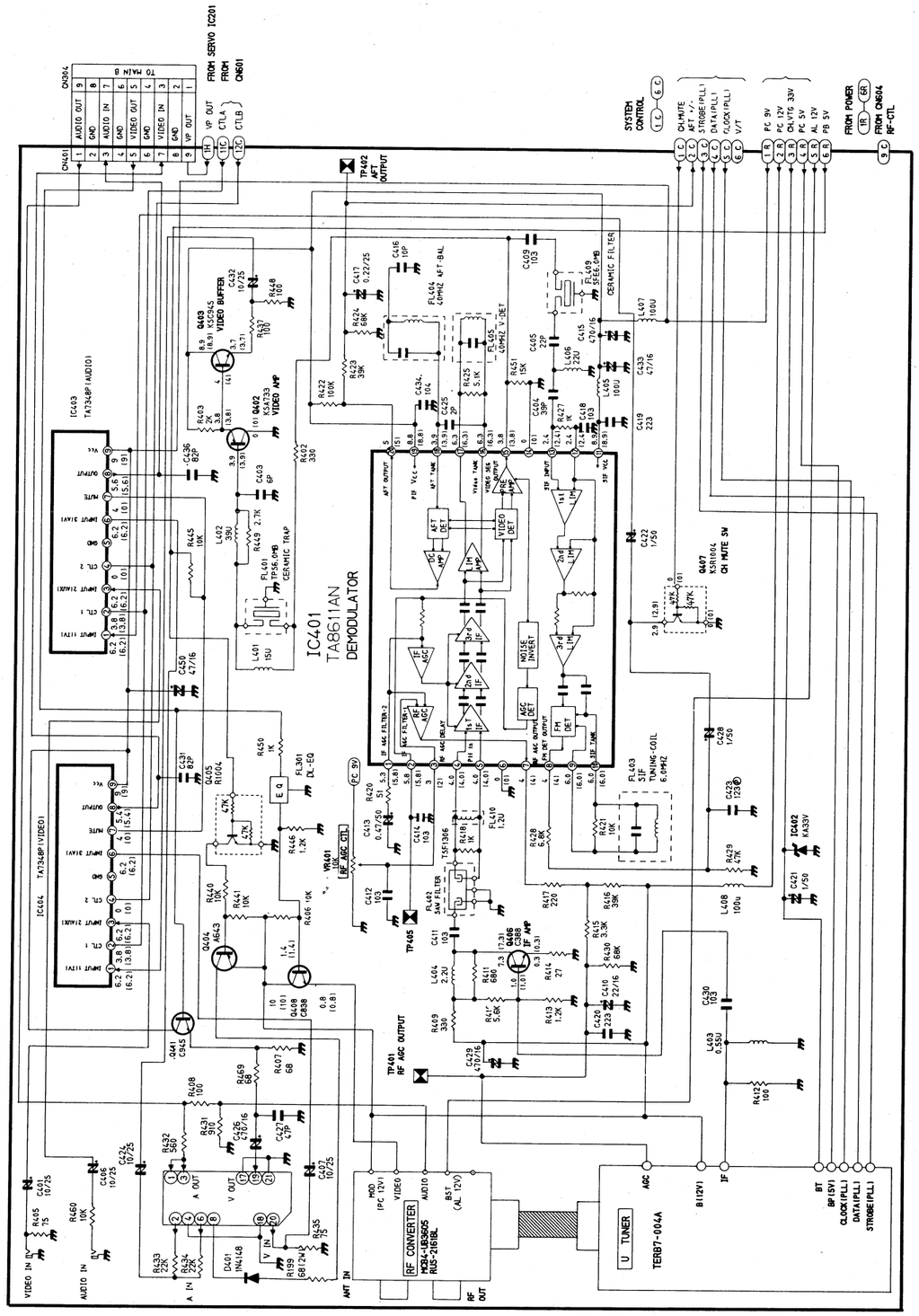



RED : REC Luminance and Chrominance Process
BLUE : PB Luminance process

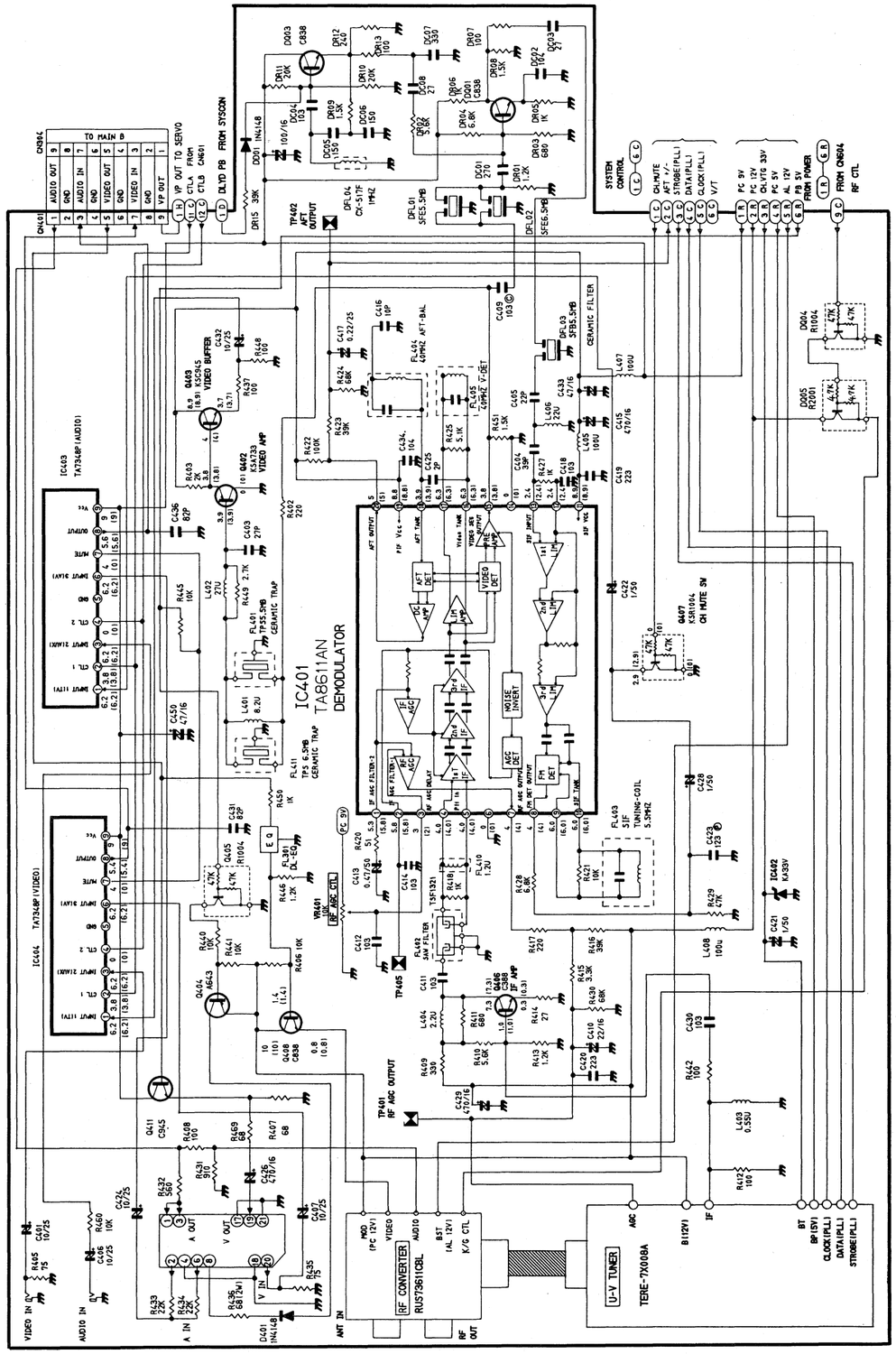
## 10-8. Tuner ( VX-8220/8225 )




## 10-9. Tuner( VI-8220/8225 )

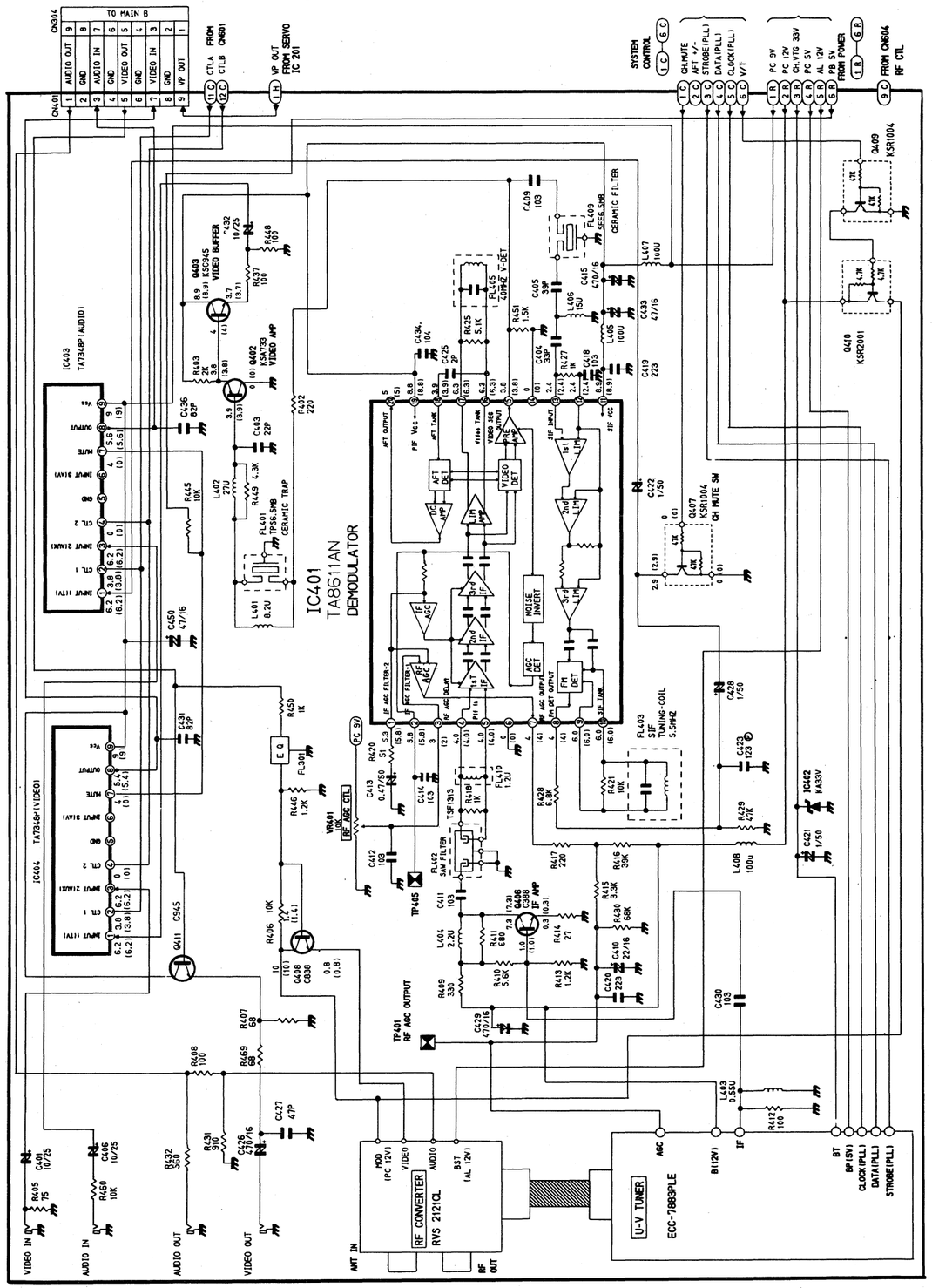


## 10-10. Tuner ( VK-8220 )

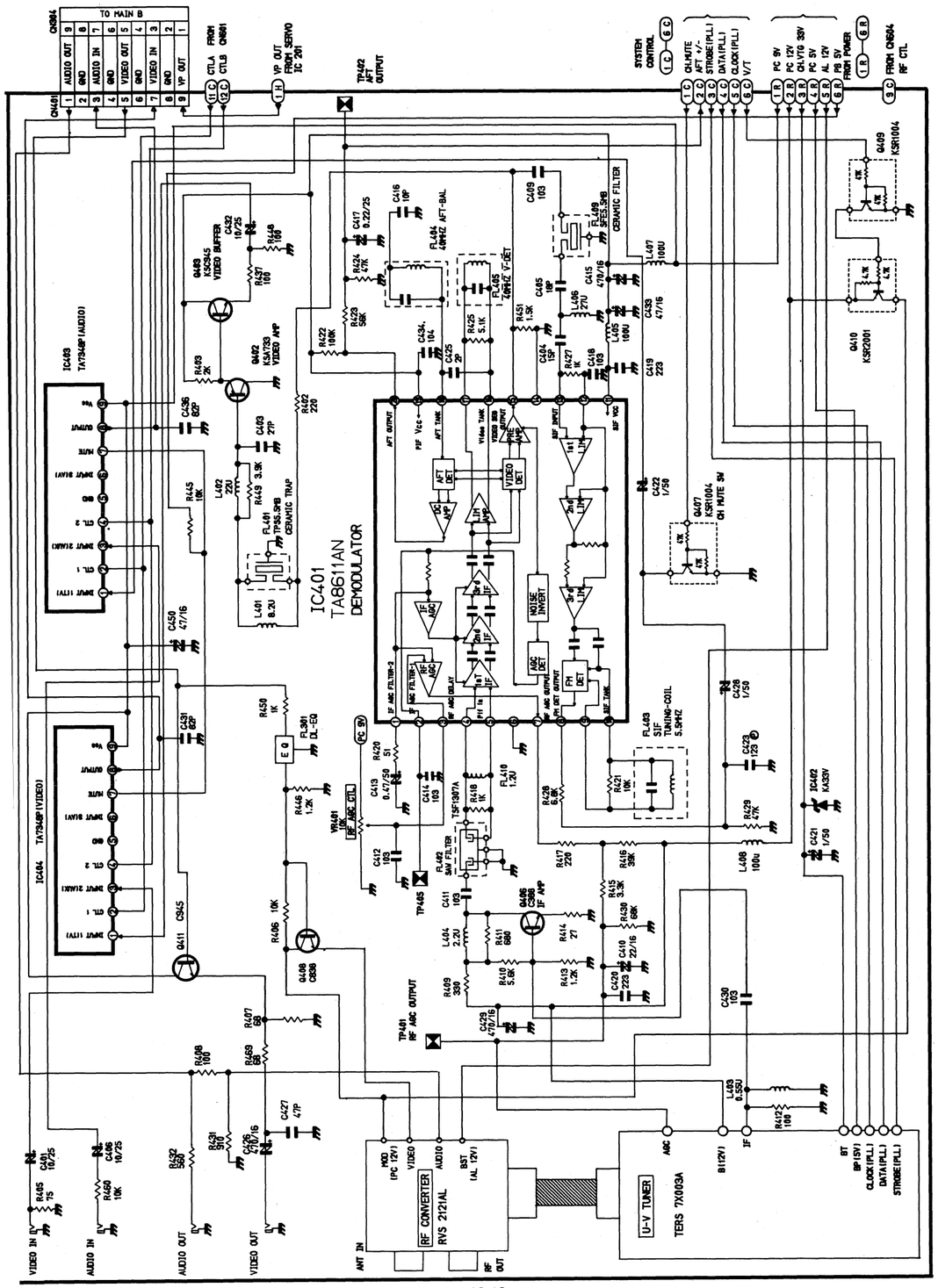



10-12

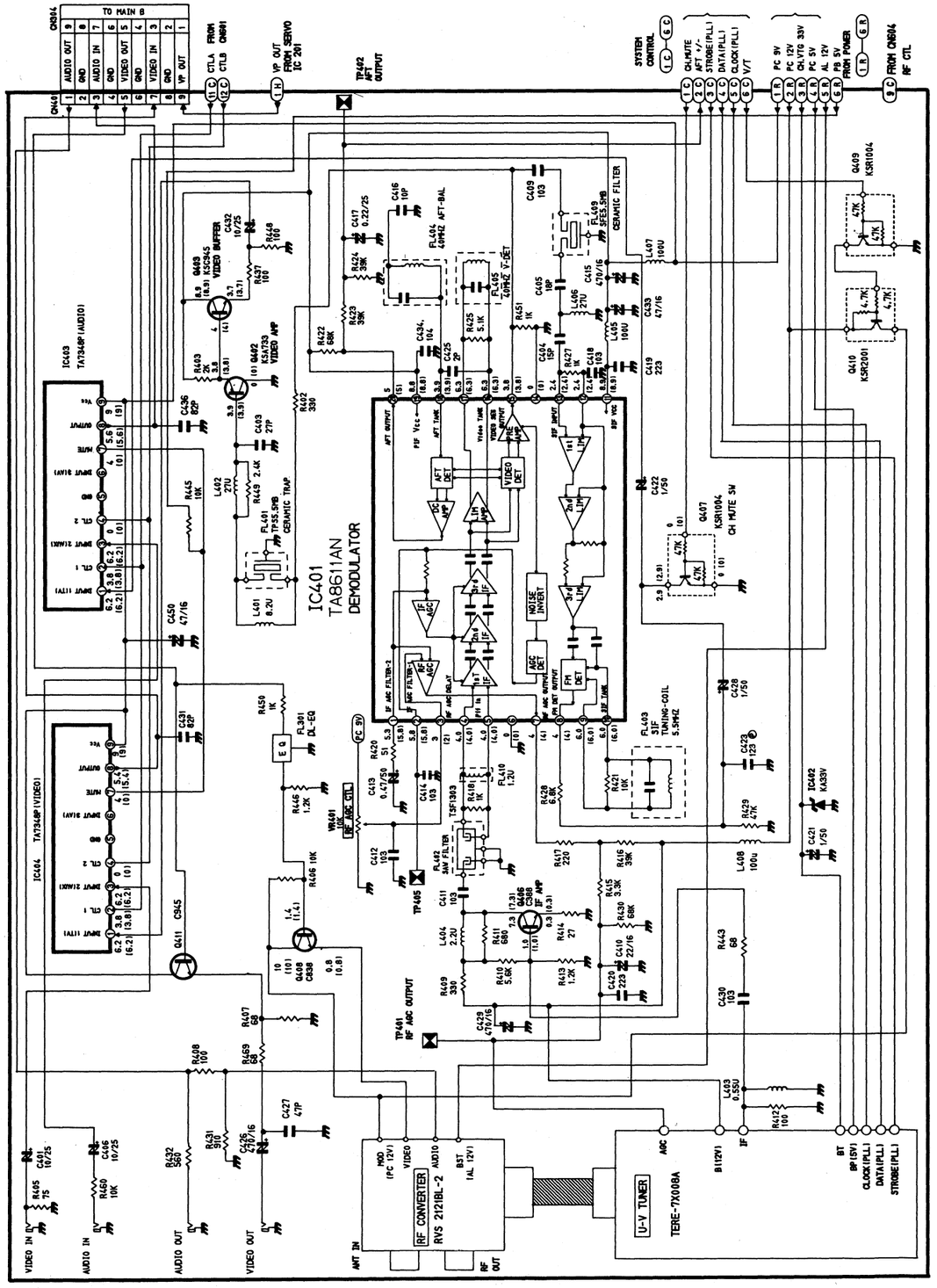
## 10-11. Tuner ( VD-8225 )

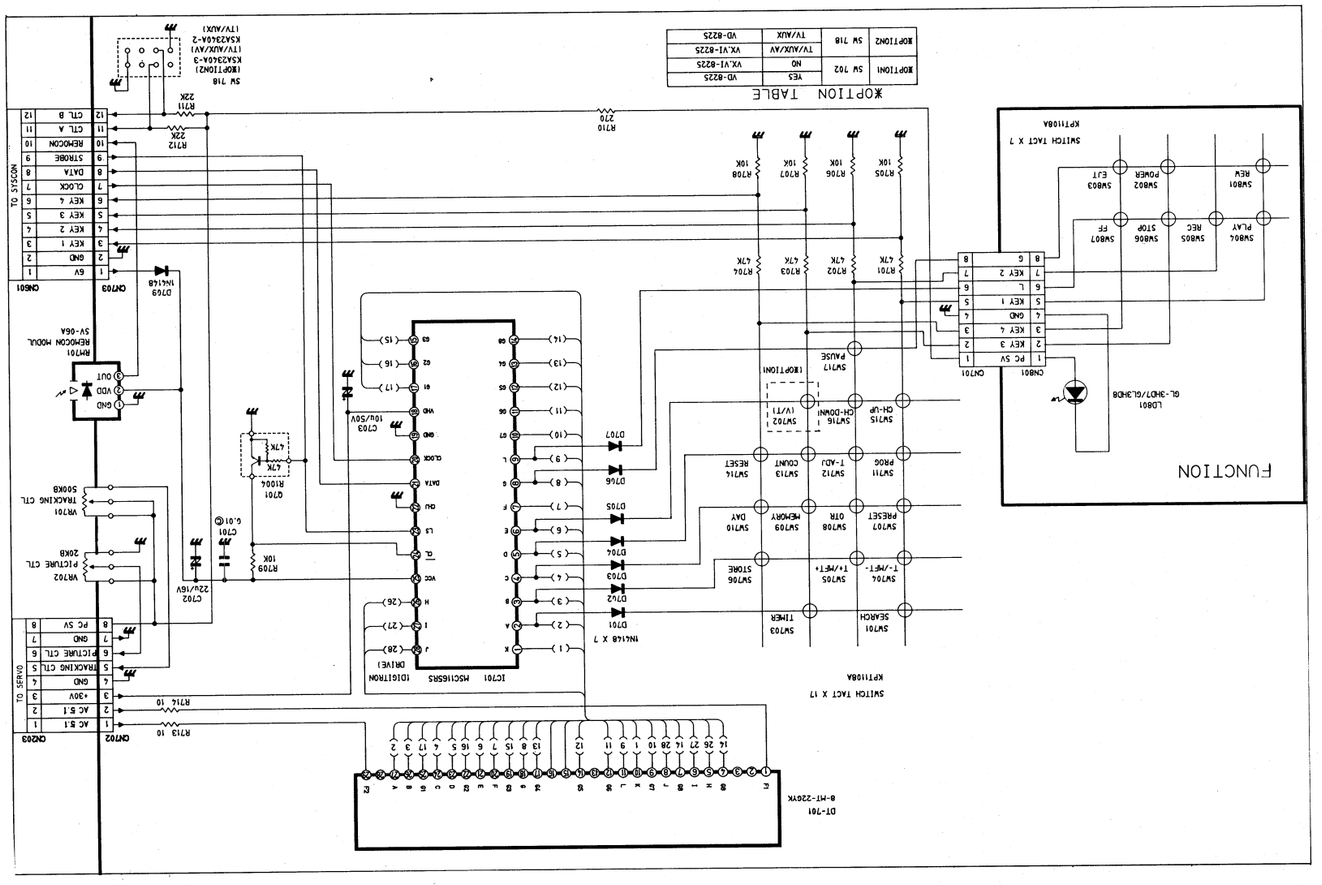


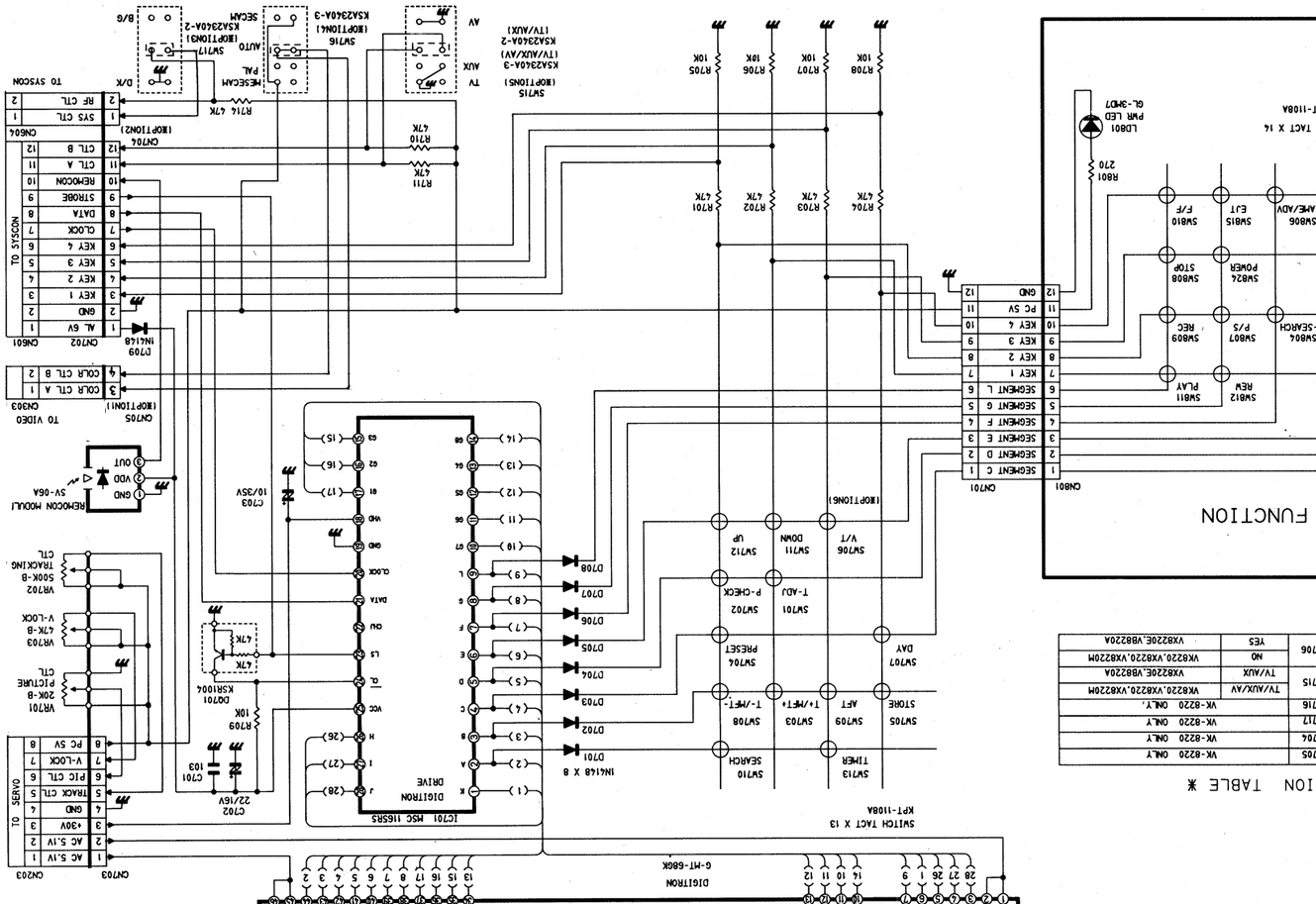
## 10-12 Tuner (VB-8220A)




## 10-13 Tuner (VX-8220E)



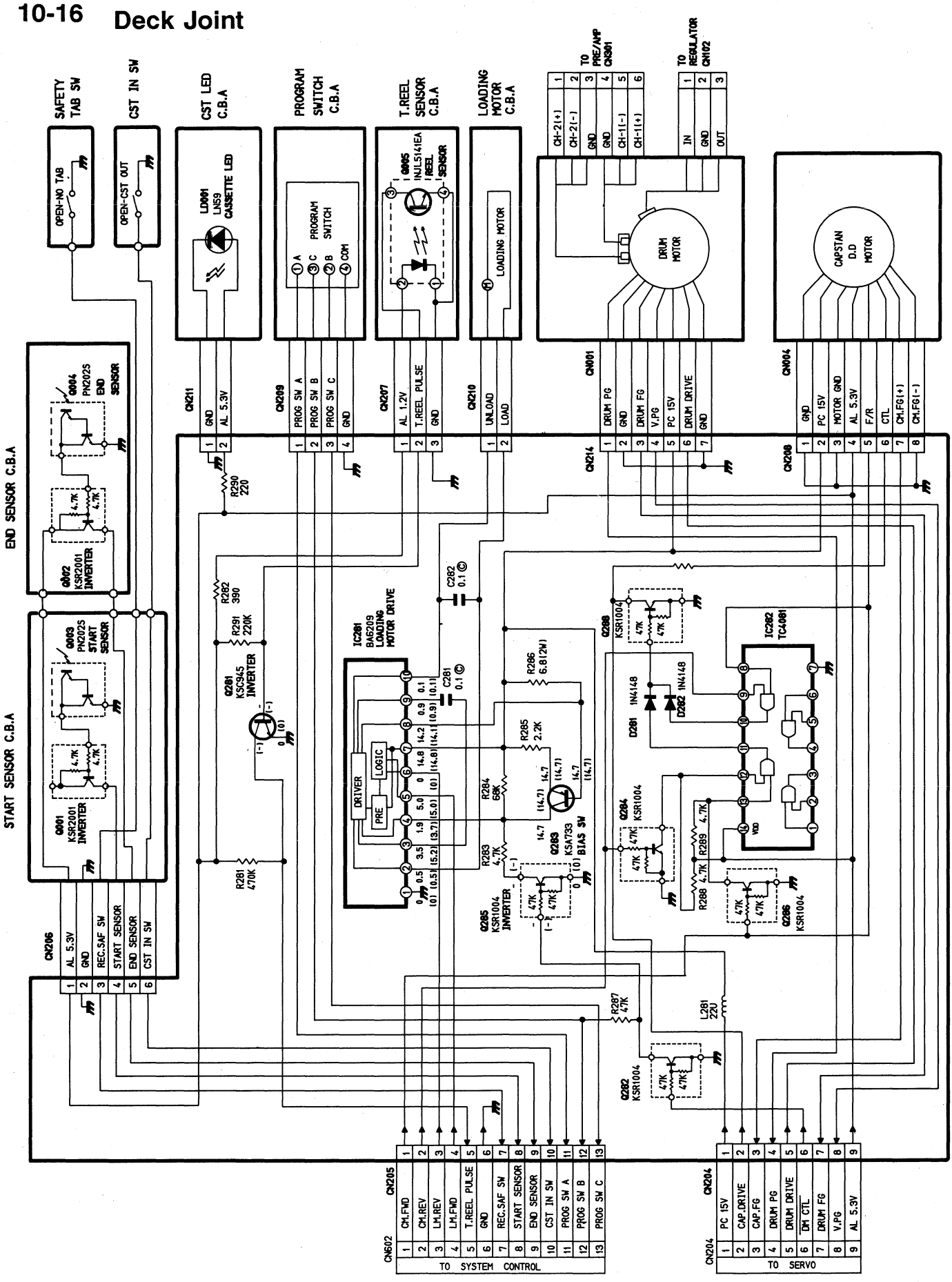



| OPTION TABLE * | | | |
|---|---|---|---|
| OPTION1 | SW 702 | YES | VD-8225 |
| | | NO | VX,VJ-8225 |
| OPTION2 | SW 718 | TV/AUX/AV | VX,VJ-8225 |
| | | TV/AUX | VD-8225 |

| * OPTION TABLE | | | |
|---|---|---|---|
| OPTION1 | CN 705 | | VX-8220 ONLY |
| OPTION2 | CN 704 | | VX-8220 ONLY |
| OPTION3 | SW 717 | | VX-8220 ONLY |
| OPTION4 | SW 716 | | VX-8220 ONLY |
| OPTION5 | SW 715 | TV/AUX/AV | VX8220,VX0220,VX8220M |
| | | TV/AUX | VX8220E,VB8220A |
| OPTION6 | SW 706 | NO | VX8220,VX0220,VX8220M |
| | | YES | VX8220E,VB8220A |

# 10-16 Deck Joint



# 10-17 Remote Control